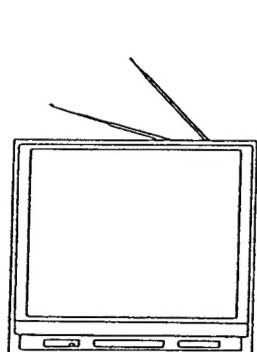


# SELECO spa

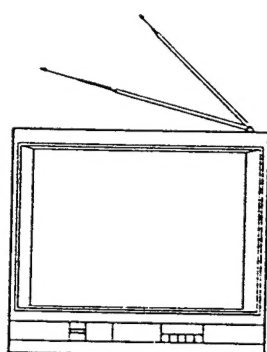
COLOUR TELEVISION  
CHASSIS BS 700.4  
REM. CON. 784T

## Service manual

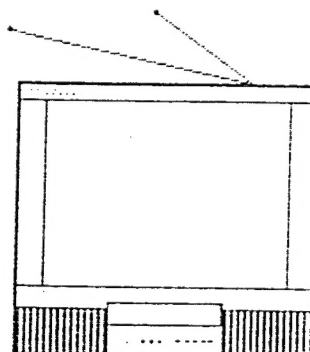
---



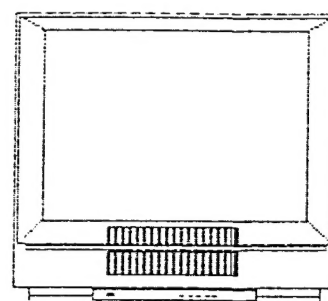
14SE112  
14SE119



15SM522



15SM322  
17SM322



21SM429  
21SM422

### GENERAL FEATURES

#### CHASSIS

- Series BS 700.4 "cold" modular type electrically separated from mains

#### PICTURE TUBE

- 14": Dark-Glass; 15" & 17": Flat-Square; 21": Full-Square

#### POWER SUPPLY

- 220V +/- 10%, 50Hz, 60Watt

#### MUSIC POWER

- 3 Watt

#### LOUDSPEAKER

- 8 Ohm (16 Ohm for 14")

#### EHT

- 24,5 KV

#### MAX BEAM CURRENT

- 1.1 mA

#### ANTENNA INPUT

- 75 Ohm DIN 45325-2

#### TUNER

- Varicap type

#### TUNING SYSTEM

- Electronic, with automatic searching and On-Screen-Display

#### PROGRAM PRESELECTION

- 40 storable programs

#### EXTERNAL OUTPUT

- Jack for headphone set

- EURO-SCART Socket

#### RECEPTION STANDARD

- C.C.I.R. PAL B-G

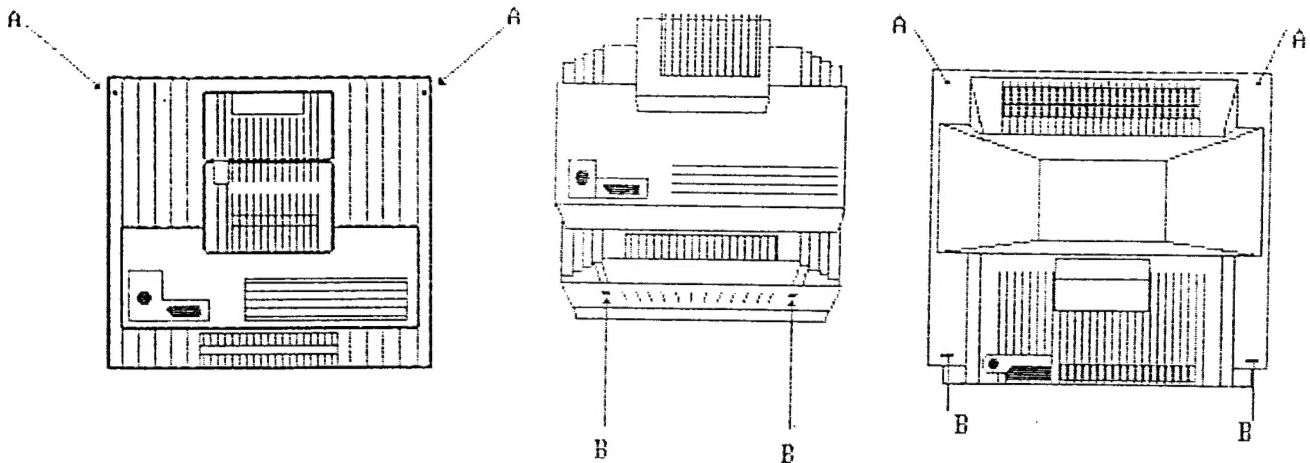
## ACCESS TO INTERNAL COMPONENTS

To remove the back panel:

- Unscrew screws A.
- Introduce a blade type screwdriver into B slots and press.
- Pull the bottom part of the back panel and remove it.

14" - 15" - 17"

21"



## SAFETY NOTE

- Do not accidentally touch that part of chassis supply not electrically separated from mains.
- Do not install, remove, or handle the picture tube unless shatter-proof goggles are worn and install, remove or handle only after having kept away people not so equipped
- Before returning a serviced receiver to the customer, the service technician must thoroughly test the unit to be certain that it is completely safe to operate without danger of electrical shock, and be sure that no protective device built into the instrument by the manufacturer has become defective or inadvertently defected during servicing.

Therefore following checks are recommended:

- Insulation. Resistance should not be less than 2M Ohm at 500 V DC between the mains poles and any accessible metal parts.
- High voltage. High voltage should not be kept at rated value indicated on the receiver's back panel, no higher. Operating at higher voltage may cause failure of the picture tube or of high voltage supply.

Furthermore, in no case whatsoever must the electrical circuit providing the EHT be altered so as to prevent wrong voltage values from causing ionizing radiations above those allowed by International Standards.

## MAIN COMPONENTS

BS 700 - Multifunctional chassis including following functional units:

- a) IF amplifier, horizontal and vertical oscillator, syncro separator (TDA 4504/B)
- b) Vertical deflection (TDA 8170)
- c) Horizontal deflection (T304 - T305)
- d) Switch - mode power supply (TDA 4601/D - T401)
- e) 12,6V switching circuit (T402 - T405)
- f) Audio output circuit (TDA 8191)
- g) Luminance and chrominance circuit (TDA 3301/B)
- h) Tuning circuit (TVPO 2065-NVM 3060-TBA 2800)

### PCBs plugged on chassis

F2062/04 - CATV RF unit p.c.b. (38,9 Mhz video IF; 33,4 Mhz audio IF)  
BS 843 - Teletext decoder

### PCBs off chassis

BS 701 - Frontal controls p.c.b.  
BS 697 - CRT p.c.b. with video output stages  
BS 785 - Audio socket p.c.b.

### ICs used and relevant functions

<u>Schematic ref.</u>	<u>Type</u>	<u>P.c.B.</u>	<u>Electronic Functions</u>
CI 1	NVM 3060	BS 700	Non volatile memory
CI 2	TVPO 2065	BS 700	Tuning Microcomputer with On-screen Display.
CI 3	SN 7416	BS 700	Amplifiers
CI 90	TBA 2800	BS 700	Infrared amplifier
CI 101	TBA 3301	BS 700	PAL decoder
CI 401	TDA 4601/D	BS 700	Switch-mode oscillator and control
CI 501	TDA 4504/B	BS 700	IF amplifier, horizontal and vertical, AGC, muting, video amplifier and video switch
CI 601	TDA 8170	BS 700	Vertical output amplifier
CI 701	TDA 8190	BS 700	Audio amplifier

## TRANSISTOR USED AND RELEVANT FUNCTIONS

<u>Schematic Ref.</u>	<u>Type</u>	<u>P.c.b.</u>	<u>Electronic functions</u>
T 1	BC 548/B	BS 700	On-off switching
T 2	BC 558/B	BS 700	On-off switching
T 5	BC 548/B	BS 700	Red character driver
T 6	BC 558/B	BS 700	Red character driver
T 7	BC 548/B	BS 700	Green character driver
T 8	BC 558/B	BS 700	Green character driver
T 9	BC 548/B	BS 700	Blue character driver
T 10	BC 558/B	BS 700	Blue character driver
T 11	BC 548/B	BS 700	Fast blanking driver
T 12	BC 558/B	BS 700	Band I current amplifier
T 13	BC 558/B	BS 700	Band II current amplifier
T 14	BC 558/B	BS 700	Band III current amplifier
T 15	BF 240	BS 700	Tuning voltage amplifier
T 16	BC 547/B	BS 700	Tuning voltage integrator
T 17	BC 548/B	BS 700	Vertical pulse amplifier
T 18	BC 548/B	BS 700	Horizontal pulse amplifier
T 19	BC 548/B	BS 700	AFC switch
T 20	BC 548/B	BS 700	AFC switch
T 90	BC 548/B	BS 700	Reset
T 91	BC 548/B	BS 700	Reset
T 92	BC 548/B	BS 700	Emitter follower
T 180	BC 548/B	BS 700	Vertical blanking shaper
T 181	BC 548/B	BS 700	Vertical blanking shaper
T 304	BD 675	BS 700	Horizontal driver
T 305	BU 508-S2055	BS 700	Horizontal output amplifier
T 401	BU 508/AF	BS 700	Switch-mode transistor switch
T 402	BC 548/B	BS 700	Stand-by switch
T 403	BC 548/B	BS 700	12.6V stabilizer
T 404	BD 434	BS 700	12.6V stabilizer
T 405	BC 548/B	BS 700	12.6V stabilizer
T 501	BC 548/B	BS 700	Emitter follower
T 503	BC 548/B	BS 700	Emitter follower
T 701	BC 548/B	BS 700	Audio muting
T 101	BF 758	BS697/783	Blue output amplifier
T 102	BF 758	BS697/783	Green output amplifier
T 103	BF 758	BS697/783	Red output amplifier
T 104	BF 493S	BS697/783	Blue beam current measurement
T 105	BF 493S	BS697/783	Green beam current measurement
T 106	BF 493S	BS697/783	Red beam current measurement

## SEQUENCE OF ADJUSTMENT

**Power supply** (brightness and contrast to minimum, dark screen)

- Adjust P401 to 117 Vdc +/-1V on C423 (102 Vdc for 14" CRT).

**Geometry** (pattern signal applied to the aerial - brightness, color and contrast controls in middle position).

- Connect a link to Fo Adjust
- Adjust P501 for a minimum picture horizontal drift.
- Remove the link.
- Adjust vertical amplitude with P601.
- Adjust vertical linearity with P602 (not used for 14" TV set).
- Position vertical shift bridge to obtain the correct vertical centering of the picture.
- Adjust the horizontal centering of the picture with P503.
- Adjust horizontal amplitude with L302 (not used for 14" TV set).

**Video-Audio IF** (100% modulated pattern signal plus audio note).

Note: all coil adjustment must be carried out with plastic tools.

- Oscilloscope probe in parallel to CH502
- Connect a 20 Kohm/V meter, 10V full scale, to emitter of T 21.
- Adjust L504 for 5 Vdc.
- With RF signal of 1.5 - 2 mV and a voltmeter connected to C505, adjust P502 for approx 7.5 Vdc.
- Connect oscilloscope probe to the emitter of T503.
- Adjust L502 for the minimum amplitude of the residual audio signal.
- Connect oscilloscope probe to pin 1 or 3 of PR501.
- Adjust L701 for maximum output (minimum distortion).

**Luminance and chrominance**

(100% modulated colour bar signal).

- Connect oscilloscope probe (10/1) to the collector of T103.
- Adjust colour control for correct matrix.
- Adjust P101 for the minimum amplitude of the anti-Pal information.
- Adjust L105 for a minimum amplitude difference between two consecutive lines.

**G2 adjustment**

(pattern signal)

- Adjust brightness control for blanking the last bar on the gray scale and set colour to minimum.
- Measure with oscilloscope (in Vdc mode) the black level on the three video output amplifiers.
- Connect the oscilloscope probe to the video output amplifier which shows the highest d.c. black level.
- Adjust the highest level, by means of G2 potentiometer, to 115 Vdc for 14" CRT, 130 Vdc for 15"-17"-20" CRT and 160 Vdc for 21" CRT.

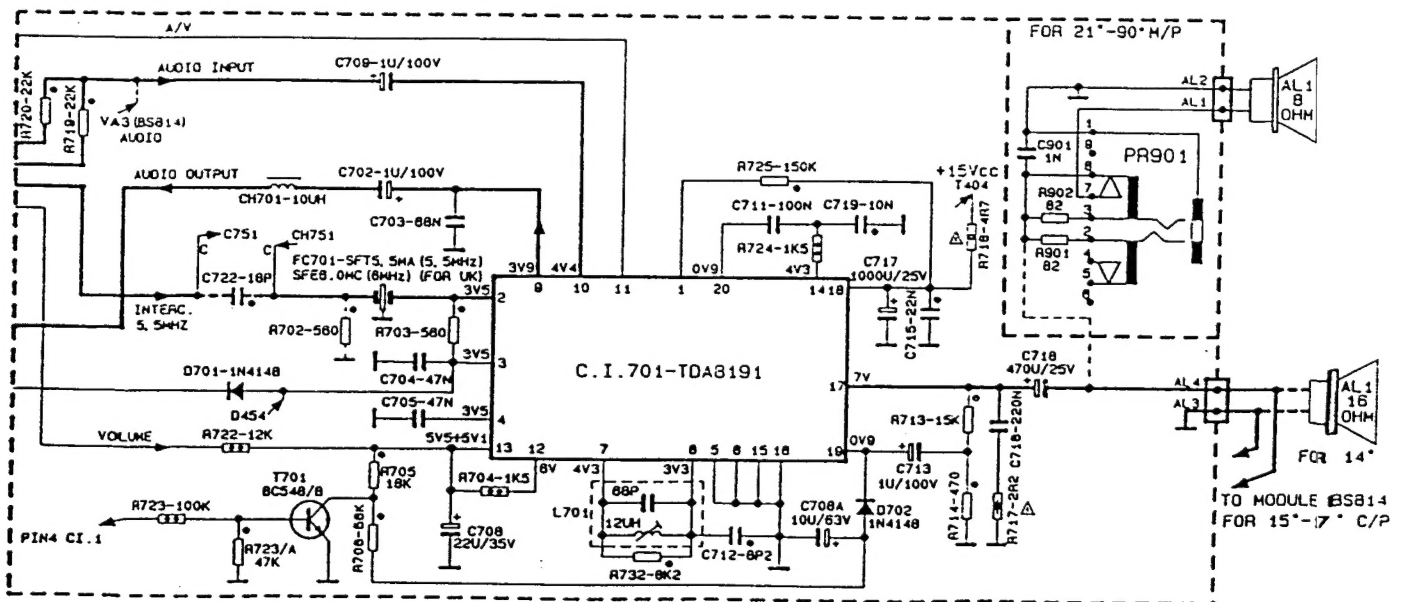
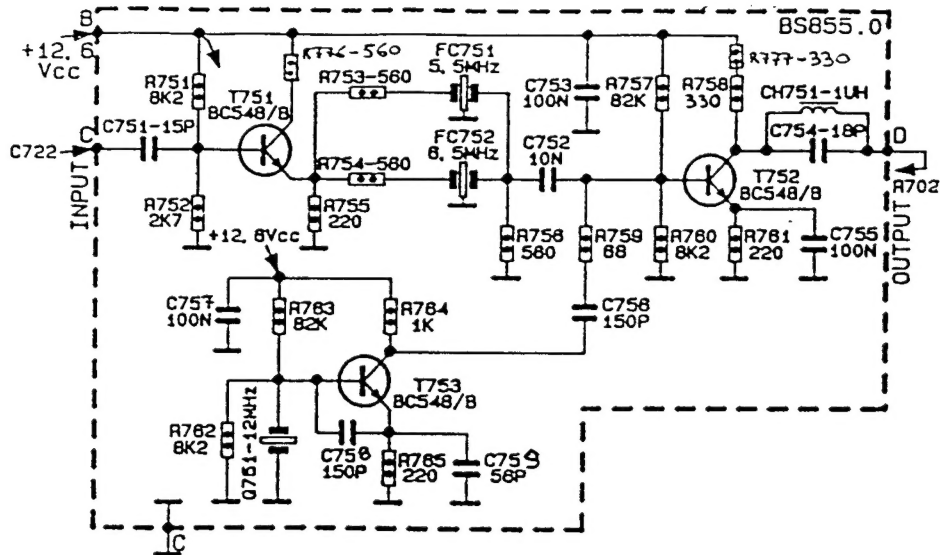
**White level adjustment** (pattern signal).

If the white on the grey scale is not even on all bars reduce predominant colours by means of P102 - P103 - P104.

**Focus**

Adjust for best focus by means of the relevant potentiometer.

# DK/BG AUDIO CONVERTER



A. 14SE112  
 B. 14SE119  
 C. 15SM322  
 D. 17SM322  
 E. 15SM522  
 F. 21SM422  
 G. 21SM429

# SPARE PARTS LIST =====

			A	B	C	D	E	F	G
BS700.4	804488000	MONO 90" CHASSIS	*	*					
BS700.4	804489000	MONO 90" CHASSIS			*	*			
BS700.4	804486000	MONO 90" CHASSIS					*		
BS700.4	804504000	MONO 90" CHASSIS						*	*
BS783.1	804371000	CRT P.C.B.	*	*					
BS783.1	804187201	TRC P.C.B.			*	*	*		
BS697.3	804505000	TRC P.C.B.						*	*
RCU784T	804490000	TRANSMITTER		*	*	*	*	*	*
BS845.0	804491000	REMOTE CONTROL P.C.B.		*	*	*	*	*	*
BS814.0	804284000	MAINS FILTER P.C.B.			*	*	*		
BS843.0	804501000	TTXT P.C.B.		*					*
	882204000	TUNER CATV/ST F2062/04	*	*	*	*	*	*	*
BS875.0	804204000	JACH HEADPHONE P.C.B.					*		
	712091000	14" 90" PICTURE TUBE	*	*					

		A	B	C	D	E	F	G
712077000	15" 90" PICTURE TUBE			*		*		
712082000	17" 90" PICTURE TUBE				*			
712112000	21" 90" PICTURE TUBE						*	*
804341000	DEGAUSSING COIL	*	*					
803984000	DEGAUSSING COIL			*		*		
804087000	DEGAUSSING COIL				*			
804437000	DEGAUSSING COIL						*	*
732075000	LOUDSPEAKER 16 OHM 1W	*	*					
732047000	LOUDSPEAKER 8 OHM 3W			*	*	*		
732073000	LOUDSPEAKER 8 OHM 10W						*	*
752012000	BATTERY 1,5V ZN/CA 2PZ.	*						
752010000	BATTERY 1,5V ZN/CA 4PZ.		*	*	*	*	*	*
792268000	TRANSMITTER OSD	*						
930702260	SUPPLY CABLE	*	*	*	*	*	*	*
682466000	PLUG 300/75	*	*	*	*	*	*	*
382138000	INFRARED RECEIVER SHIELD	*	*	*	*	*	*	*
392180000	PROTECTION LED		*	*	*	*	*	*



001	342063000 SPRING FIX TR.	002	672087000 PUSH BUTTON	005	482884000 MICA
006	882204000 TUNER CATV/ST	C1	522605000 2N2 50V	C10	930071638 22nF 16V
C101	930070828 1MF 100V	C101/A	930071334 100pF 50V	C101/B	930071288 47pF 50V
C102	930073747 100MF 25V	C103	930071288 47pF 50V	C103/A	930073251 1nF 50V
C103/B	930071816 1nF 50V	C104	930071166 22pF 50V	C105	930071638 22nF 16V
C106	930074048 220nF 63V	C107	930070720 470pF 50V	C108	930073468 10MF 63V
C108/A	930071638 22nF 16V	C11	930071638 22nF 16V	C110	930071636 10nF 25V
C111	930073251 1nF 50V	C112	930073603 15pF 50V	C113	930074044 100nF 63V
C114	930074052 470nF 63V	C115	930071816 1nF 50V	C116	930074044 100nF 63V
C117	930070828 1MF 100V	C118	930070824 220MF 16V	C119	930070828 1U0 100V
C119/A	522593000 180PF 50V	C12	930071638 22nF 16V	C120	930073821 18P 50V
C120/A	930073135 82pF 50V	C121	930074044 100nF 63V	C122	930071638 22nF 16V
C122/A	930071638 22nF 50V	C123	930074044 100nF 63V	C124	930074044 100nF 63V
C125	930074042 47nF 63V	C126	930074042 47nF 63V	C13	930074048 220N 63V
C14	930074052 1U0 63V	C15	930074004 4.7nF 50V	C16	930073257 100P 50V
C16/A	930073787 15P 50V	C17	930074044 100nF 63V	C18	930074042 47nF 63V
C180	930072241 4N7 63V	C19	930071638 22nF 16V	C2	930071638 22nF 16V
C20	930071451 100MF 25V	C201/A	930074022 47nF 50V	C203/A	930074044 100nF 63V
C205/A	930070652 4.7nF 50V	C209	930073354 10MF 35V	C21	930074004 4N7 50V
C211	930071636 10nF 25V	C214	532274000 68nF 63V	C216	930072127 1MF 50V
C222	930071638 22nF 16V	C224	930074042 47nF 63V	C23	930070720 470P 50V
C3	930071638 22nF 16V	C301	930073347 100N 160V	C302	930071334 100PF 50V
C303	930072962 680nF 250V	C304	532387000 330N 250V	C305	930071801 7N5 2KV
C306	930073070 2.2MF 350V	C307	930072844 150nF 100V	C308	512174000 10MF 35V
C310	930070694 470MF 50V	C311	930073161 1MF 100V	C312	930073161 1MF 100V
C316	930073326 33U 400V	C317	930073747 100U 25V	C4	930071638 22nF 16V
C401	930072144 150nF 250V	C402	930073653 47nF 630V	C403	930072138 2.2nF 400V
C404	930072138 2.2NF 400V	C406	930072144 150nF 250V	C407	930074038 1nF 1KV
C408	930074038 1nF 1KV	C409	930074038 1nF 1KV	C410	930074038 1nF 1KV
C411	512240000 100MF 385V	C412	930072198 56pF 50V	C413	930071451 47MF 25V
C414	532393000 4.7nF 250V	C415	512036000 220MF 35V	C416	930073747 100U 25V
C417	930070720 470pF 50V	C418	930070828 1MF 100V	C419	532376000 6.8nF 400V
C420	532245000 1.5nF 1.5KV	C421	512244000 470P 16V	C422	930072506 470U 25V
C423	930073071 47MF 250V	C424	930070822 4.7MF 100V	C426	930074044 100nF 63V
C427	930074044 100nF 63V	C428	930073747 100MF 25V	C429	512246000 470U 16V
C430	522647000 270P 1KV	C431	522647000 270P 1KV	C433	930073468 10U 63V
C5	930071636 10nF 25V	C502	930074022 47nF 50V	C505	930073061 22U 35V
C507	512174000 10U 35V	C508	930072299 22N 63V	C509	930074042 47N 63V
C511	930073354 10MF 35V	C512	532274000 68N 63V	C513	930074052 470nF 63V
C514	512175000 220U 16V	C515	522487000 220P 50V	C516	532374000 2N7 63V
C517	532274000 68nF 63V	C518	930074048 220nF 63V	C520	930074052 470nF 63V
C521	930071638 22nF 16V	C524	930074044 100nF 63V	C525/A	522348000 CCD 1PF
C526	930071638 22nF 16V	C6	512175000 220U 16V	C601	930073427 1000U 35V
C602	930074044 100nF 63V	C603	930070830 100U 35V	C604	930071816 1N0 50V
C605	522609000 4N7 50V	C606	930070720 470P 50V	C607	930072963 220nF 60V
C608	930072983 1000U 25V	C610	930073427 1000MF 35V	C611	930071638 22nF 16V
C7	930074006 22N 50V	C701	930073821 18pF 50V	C702	930073161 1U0 100V
C703	532274000 68N 63V	C704	930074022 47N 50V	C705	930074022 47N 50V
C706	930070828 1MF 100V	C708	930073601 22UF 35V	C708/A	930073468 10UF 63V
C709	930073161 1U0 100V	C710	930070828 1MF 100V	C711	930073161 1U0 100V
C712	930073062 8P2 50V	C713	930073161 1MF 100V	C715	930071638 22nF 16V
C716	930074048 220nF 63V	C717	930072983 1000MF 25V	C718	930072506 470MF 25V
C719	930071636 10nF 25V	C721	930073663 4U7 63V	C722	930073821 18P 50V
C9	930071638 22nF 16V	C90	930070830 100U 35V	C91	930073743 47U 25V
C93	930071636 10nF 25V	C94	522603000 1N5 50V	C95	930073163 2U2 63V
C96	930071288 47P 50V	CH1	930071276 COIL 10UH	CH101	612524000 COIL
CH102	612524000 COIL 15UH	CH103	930071276 COIL 10UH	CH302	930070812 COIL 33UH
CH403	612500000 COIL 4.7UH	CH404	612633000 COIL 40UH	CH405	930070860 COIL 500UH
CH406	612636000 COIL 22UH	CH501	612634000 COIL 10UH	CH502	612635000 COIL 1UH
CH701	930071276 COIL 10UH	CI1	592600000 MYN3060-12	CI101	592434000 TDA 301/B
CI2	592621000 TVP02065	CI3	592622000 SN7416	CI401	592412000 TDA 401/D
CI402	930072256 MC 7805CT	CI501	592623000 TDA4504	CI601	592620000 TDA81D

C1701	592565000 TDA 8191	C190	592441000 TBA2800	D1	930074457 1N4148
D101	930074457 1N4148	D102	930074457 1N4148	D103/A	930074457 1N4148
D103/B	930074457 1N4148	D2	930074457 1N 4148	D3	930074457 1N4148
D303	930074085 BA157	D304	930074085 BA157	D305	930074085 BA157
D307	930074085 BA157	D308	930074085 BA157	D4	930074457 1N4148
D401	930074478 1N4006	D402	930074478 1N4006	D403	930074478 1N4006
D404	930074478 1N4006	D407	930074793 1N4001	D408	930074085 BA157
D409	930074085 BA157	D410	582179000 BYV95C	D411	582186000 BW95C
D412	930074457 1N4148	D413	582179000 BYV95C	D5	930074457 1N4148
D502	930074457 1N4148	D504	930074457 1N4148	D601	930074793 1N4001
D701	930074457 1N4148	D702	930074457 1N4148	D703	930074457 1N4148
D704	930074457 1N4148	D90	930074457 1N4148	DL90	582188000 LR3360-F
DZ1	582182000 ZTE22	DZ2	930070796 ZTK33A	DZ201	930070796 ZTK33A
DZ301	930074324 ZPD12	DZ90	584010000 ZPD5V1	F401	930076491 PDR 6,3A 250V
F401.	930076759 FUS.3,15A T 250V	FC501	792264000 FILTER OA STD P/B6	FC701	930702202 FILTER RI 5,5 M
FD201	930707098 BPW41	FD90	930070986 DFS-FD	I401	672094000 INR 4A/64/250V
I901	672083000 INR 6A36	L105	930071278 COIL 4,4M	L502	930072686 COIL 5,5MH
L504	612630000 COIL DM0012	L701	612484000 COIL 5,57MH	LR101	792240000 DELAY LINE 330NS
LR102	792195000 DELAY LINE CR64US	P101	930072519 1K 0,1W	P401	552205000 PQA 4K7 0,1W
P501	930072531 10K 0,1W	P502	552212000 PQA 22K 0,1W	P503	930072541 47K 0,1W
P601	552195000 100 0,1W	P0401	543761000 PTC 270VRMS	PR501	930702205 PRE PERITELEVISION
PTC401	543613000 PTC 5K 265V	Q1	930702008 QUARTZ 4,00	Q101	792195000 QUARTZ 4433,619
R103	930070342 4R7 0,3W	R302	930071244 RPM 180R 2W	R303	542366000 RFU 6R8 0,3W
R304	930070414 3R3 2W	R309	543135000 RPV 5R6 7W	R317	542918000 RFU R33 0,4W
R321	543120000 ROP 10K 2W	R401	543139000 2.7K 2W	R401/A	930070096 4.7 11W
R403	542940000 R82 0,4W	R404	930071449 270 K 2W	R410	543137000 390 2W
R411	930071224 100 2W	R412	930071086 10M 1W	R413	543083000 RFU R10 0,5W
R419	542481000 47K 2W	R515	543668000 RFU 22R 0,3W	R538	930070342 RFU 4R7 0,3W
R539	930070342 RFU 4R7 0,3W	R55	543906000 4K7 2W	R56	543906000 RPM 4K7 2W
R601	930071005 4R7 2W	R612	930070013 RFU 2R2 0,4W	R616	930071005 4.7 2W
R717	930070013 RFU 2R2 0,4W	R718	930070109 RFU 4R7 0,5W	T1	930071228 BC 548B
T10	930071230 BC558B	T11	930071228 BC548B	T12	930071230 BC558B
T13	930071230 BC558B	T14	930071230 BC558B	T15	572273000 BF240
T16	572207000 BC547B	T17	930071228 BC548B	T18	930071228 BC548B
T180	930071228 BC548B	T181	930071230 BC558B	T19	930071228 BC548B
T2	930071230 BC 558B	T20	930071228 BC548B	T21	930071228 BC548B
T302	930074035 BC327/25	T304	572234000 B0675	T305	572265000 TR S205SAF ISOL.
T401	572261000 BU508AF	T402	930071228 BC548B	T403	930071228 BC548B
T404	572235000 BD434	T405	930071228 BC548B	T5	930071228 BC548B
T501	930071228 BC548B	T503	930071228 BC548B	T6	930071230 BC338B
T7	930071228 BC548B	T701	930071228 BC548B	T8	930071230 BC558B
T9	930071228 BC548B	T90	930071228 BC548B	T91	930071228 BC548B
T92	930071228 BC548B	TR301	632054000 EHT CABLE	TR302	930702026 TF DRIVER
TR401	612482200 BFR 2X15MH	TR402	622113000 POWER TRASFORMER		

804489000 Ref.BS700.4

MONO 90" CHASSIS

001	342063000 SPRING FIX TR.	002	672087000 PUSH BUTTON	005	482884000 MICA
006	882204000 TUNER CATV/ST	C1	522605000 2M2 50V	C10	930071638 22nF 16V
C101	930070828 1MF 100V	C101/A	930071334 100pF 50V	C101/B	930071288 47pF 50V
C102	930073747 100MF 25V	C103	930071288 47pF 50V	C103/A	930073251 1nF 50V
C103/B	930071816 1nF 50V	C104	930071166 22pF 50V	C105	930071638 22nF 16V
C106	930074048 220nF 63V	C107	930070720 470pF 50V	C108	930073468 10MF 63V
C108/A	930071638 22nF 16V	C11	930071638 22nF 16V	C110	930071636 10nF 25V
C111	930073251 1nF 50V	C112	930073603 15pF 50V	C113	930074044 100nF 63V
C114	930074052 470nF 63V	C115	930071816 1nF 50V	C116	930074044 100nF 63V
C117	930070828 1MF 100V	C118	930070824 220MF 16V	C119	930070828 1U0 100V
C119/A	522593000 180PF 50V	C12	930071638 22nF 16V	C120	930073821 18P 50V
C120/A	930073135 82pF 50V	C121	930074044 100nF 63V	C122	930071638 22nF 16V
C122/A	930071638 22NF 50V	C123	930074044 100nF 63V	C124	930074044 100nF 63V
C125	930074042 47nF 63V	C126	930074042 47nF 63V	C13	930074048 220N 63V
C14	930074052 1U0 63V	C15	930074004 4.7nF 50V	C16	930073257 100P 50V

C16/A	930073787	15P	50V	C17	930074044	100nF	63V	C18	930074042	47nF	63V
C180	930072241	4N7	63V	C19	930071638	22nF	16V	C2	930071638	22nF	16V
C20	930071451	100MF	25V	C201/A	930074022	47nF	50V	C203/A	930074044	100nF	63V
C205/A	930070652	4.7nF	50V	C209	930073354	10MF	35V	C21	930074004	4N7	50V
C211	930071636	10nF	25V	C214	532274000	68nF	63V	C216	930072127	1MF	50V
C222	930071638	22nF	16V	C224	930074042	47nF	63V	C23	930070720	470P	50V
C3	930071638	22nF	16V	C301	930073347	100N	160V	C302	930071334	100PF	50V
C303	930072962	680nF	250V	C304	930072976	270N	250V	C305	930072141	6N8	2KV
C306	930073070	2.2M	350V	C307	930072844	150nF	100V	C308	512174000	10MF	35V
C310	930070694	470MF	50V	C311	930073161	1MF	100V	C312	930073161	1MF	100V
C316	930073326	33U	400V	C317	930073747	100U	25V	C4	930071638	22nF	16V
C401	930072144	150nF	250V	C402	930073653	47nF	630V	C403	930072138	2.2nF	400V
C404	930072138	2.2NF	400V	C406	930072144	150nF	250V	C407	930074038	1nF	1KV
C408	930074038	1nF	1KV	C409	930074038	1nF	1KV	C410	930074038	1nF	1KV
C411	512240000	100MF	385V	C412	930072198	56pF	50V	C413	930071451	47MF	25V
C414	532376000	6.8nF	250V	C415	512036000	220MF	35V	C416	930073747	100U	25V
C417	930070720	470pF	50V	C418	930070828	1MF	100V	C419	532376000	6.8nF	400V
C420	532377000	2.2nF	1.5KV	C421	512244000	470P	16V	C422	930072506	470U	25V
C423	930073071	47MF	250V	C424	930070822	4.7MF	100V	C425	512200000	47U	250V
C426	930074044	100nF	63V	C427	930074044	100nF	63V	C428	930073747	100MF	25V
C429	512246000	470U	16V	C430	522647000	270P	1KV	C431	522647000	270P	1KV
C433	930073468	10U	63V	C5	930071636	10nF	25V	C502	930074022	47nF	50V
C505	930073061	22U	35V	C507	512174000	10U	35V	C508	930072299	22N	63V
C509	930074042	47N	63V	C511	930073354	10MF	35V	C512	532274000	68N	63V
C513	930074052	470nF	63V	C514	512175000	220U	16V	C515	522487000	220P	50V
C516	532374000	2N7	63V	C517	532274000	68nF	63V	C518	930074048	220nF	63V
C520	930074052	470nF	63V	C521	930071638	22nF	16V	C524	930074044	100nF	63V
C525/A	522348000	CCD	12PF	C526	930071638	22nF	16V	C6	512175000	220U	16V
C601	930073427	1000U	35V	C602	930074044	100nF	63V	C603	930070830	100U	35V
C604	930071816	1N0	50V	C605	522609000	4N7	50V	C606	930070720	470P	50V
C607	930072963	220nF	60V	C608	930072983	1000U	25V	C610	930073427	1000MF	35V
C611	930071638	22nF	16V	C7	930074006	22N	50V	C701	930073821	18pF	50V
C702	930073161	1U0	100V	C703	532274000	68N	63V	C704	930074022	47N	50V
C705	930074022	47N	50V	C706	930070828	1MF	100V	C708	930073601	22UF	35V
C708/A	930073468	10UF	63V	C709	930073161	1U0	100V	C710	930070828	1MF	100V
C711	930073161	1U0	100V	C712	930073062	8P2	50V	C713	930073161	1MF	100V
C715	930071638	22nF	16V	C716	930074048	220nF	63V	C717	930072983	1000MF	25V
C718	930072506	470MF	25V	C719	930071636	10nF	25V	C721	930073663	4U7	63V
C722	930073821	18P	50V	C9	930071638	22nF	16V	C90	930070830	100U	35V
C91	930073743	47U	25V	C93	930071636	10nF	25V	C94	522603000	1N5	50V
C95	930073163	2U2	63V	C96	930071288	47P	50V	CH1	930071276	COIL	10UH
CH101	612524000	COIL		CH102	612524000	COIL	15UH	CH103	930071276	COIL	10UH
CH302	930070812	COIL	33UH	CH403	612500000	COIL	4.7UH	CH404	612633000	COIL	40UH
CH405	930070860	COIL	500UH	CH406	612636000	COIL	22UH	CH501	612634000	COIL	10UH
CH502	612635000	COIL	1UH	CH701	930071276	COIL	10UH	CI1	592600000	NVM3060-12	
CI101	592434000	TDA	3301/B	CI2	592621000	TVP02065		CI3	592622000	SN7416	
CI401	592412000	TDA	4601/D	CI402	930072256	MC	7805CT	CI501	592623000	TDA4504	
CI601	592620000	TDA8170		CI701	592565000	TDA	8191	CI90	592441000	TBA2800	
DI	930074457	1N4148		D101	930074457	1N4148		D102	930074457	1N4148	
D103/A	930074457	1N4148		D103/B	930074457	1N4148		D2	930074457	1N	4148
D3	930074457	1N4148		D303	930074085	BA157		D304	930074085	BA157	
D305	930074085	BA157		D307	930074085	BA157		D308	930074085	BA157	
D4	930074457	1N4148		D401	930074478	1N4006		D402	930074478	1N4006	
D403	930074478	1N4006		D404	930074478	1N4006		D407	930074793	1N4001	
D408	930074085	BA157		D409	930074085	BA157		D410	582179000	BYV95C	
D411	582186000	BW95C		D412	930074457	1N4148		D413	582179000	BYV95C	
D5	930074457	1N4148		D502	930074457	1N4148		D504	930074457	1N4148	
D601	930074793	1N4001		D701	930074457	1N4148		D702	930074457	1N4148	
D703	930074457	1N4148		D704	930074457	1N4148		D90	930074457	1N4148	
DL90	582188000	LR3360-F		DZ1	582182000	ZTE22		DZ2	930070796	ZTK33A	
DZ201	930070796	ZTK33A		DZ301	930074324	ZPD12		DZ90	584010000	ZPD5V1	
F401.	930076759	FUS.3,15A	T 250V	FC501	792264000	FILTER	QA STD P/BG	FC701	930702202	FILTER	RE 5,5 M
FD201	930707098	BPW41		PD90	930070986	DFS-FD		I901	672083000	INR	6A36
L105	930071278	COIL	4,4M	L301	612553000	COIL	DEFLECTION	L302	612567000	350UH	

L502	930072686	COIL	5,5MH	L504	612630000	COIL	DM0012	L701	612484000	COIL	5,57MH
LR101	792194000	DELAY LINE	270NS	LR102	792195000	DELAY LINE	CR64US	P101	930072519	1K	0,1W
P401	552205000	POA	4K7 0,1W	P501	930072531	10K	0,1W	P502	552212000	POA	22K 0,1W
P503	930072541	47K	0,1W	P601	552195000	100	0,1W	P602	552167000	4K7	0,1W
PQ401	930071400	PTC	260VRMS	PR501	930702205	PRE PERITELEVISION		PTC401	543613000	PTC	5K 265V
Q1	930702008	QUARTZ	4,00	Q101	792195000	QUARTZ	4433,619	R103	930070342	4R7	0,3W
R302	930071244	RPM	180R 2W	R303	542366000	RFU	6R8 0,3W	R304	930070347	2R2	2W
R309	543135000	RPV	5R6 7W	R310	543126000	2K2	1W	R317	542918000	RFU	R33 0,4W
R321	543120000	ROP	10K 2W	R401	543139000	2.7K	2W	R401/A	930070096	4.7	11W
R403	542940000	R82	0,4W	R404	930071449	270 K	2W	R410	543137000	390	2W
R411	930071224	100	2W	R412	930071086	10M	1W	R413	543083000	RFU	R10 0,5W
R419	542481000	47K	2W	R515	543668000	RFU	22R 0,3W	R538	930070342	RFU	4R7 0,3W
R539	930070342	RFU	4R7 0,3W	R55	543907000	6K8	2W	R56	543906000	RPM	4K7 2W
R601	930071005	4R7	2W	R612	930070013	RFU	2R2 0,4W	R616	930071005	4.7	2W
R717	930070013	RFU	2R2 0,4W	R718	930070109	RFU	4R7 0,5W	T1	930071228	BC 548B	
T10	930071230	BC558B		T11	930071228	BC548B		T12	930071230	BC558B	
T13	930071230	BC558B		T14	930071230	BC558B		T15	572273000	BF240	
T16	572207000	BC547B		T17	930071228	BC548B		T18	930071228	BC548B	
T180	930071228	BC548B		T181	930071230	BC558B		T19	930071228	BC548B	
T2	930071230	BC 558B		T20	930071228	BC548B		T21	930071228	BC548B	
T302	930074035	BC327/25		T304	572234000	BD675		T305	572262000	BU508DF	
T401	572261000	BU508AF		T402	930071228	BC548B		T403	930071228	BC548B	
T404	572235000	BD434		T405	930071228	BC548B		T5	930071228	BC548B	
T501	930071228	BC548B		T503	930071228	BC548B		T6	930071230	BC338B	
T7	930071228	BC548B		T701	930071228	BC548B		T8	930071230	BC558B	
T9	930071228	BC548B		T90	930071228	BC548B		T91	930071228	BC548B	
T92	930071228	BC548B		TR301	632060000	EHT CABLE		TR302	930702026	TF DRIVER	
TR401	930072185	BFR 2X20MH		TR402	622114000	POWER TRASFORMER					

804486000 Ref.BS700.4

MONO 90" CHASSIS

001	342063000	SPRING FIX TR.	002	672087000	PUSH BUTTON	005	482884000	MICA
006	882204000	TUNER CATV/ST	C1	522605000	2M2 50V	C10	930071638	22nF 16V
C101	930070828	1MF 100V	C101/A	930071334	100pF 50V	C101/B	930071288	47pF 50V
C102	930073747	100MF 25V	C103	930071288	47pF 50V	C103/A	930073251	1nF 50V
C103/B	930071816	1nF 50V	C104	930071166	22pF 50V	C105	930071638	22nF 16V
C106	930074048	220nF 63V	C107	930070720	470pF 50V	C108	930073468	10MF 63V
C108/A	930071638	22nF 16V	C11	930071638	22nF 16V	C110	930071636	10nF 25V
C111	930073251	1nF 50V	C112	930073603	15pF 50V	C113	930074044	100nF 63V
C114	930074052	470nF 63V	C115	930071816	1nF 50V	C116	930074044	100nF 63V
C117	930070828	1MF 100V	C118	930070824	220MF 16V	C119	930070828	1U0 100V
C119/A	522593000	180PF 50V	C12	930071638	22nF 16V	C120	930073821	18P 50V
C120/A	930073135	82pF 50V	C121	930074044	100nF 63V	C122	930071638	22nF 16V
C122/A	930071638	22NF 50V	C123	930074044	100nF 63V	C124	930074044	100nF 63V
C125	930074042	47nF 63V	C126	930074042	47nF 63V	C13	930074048	220N 63V
C14	930074052	1U0 63V	C15	930074004	4.7nF 50V	C16	930073257	100P 50V
C16/A	930073787	15P 50V	C17	930074044	100nF 63V	C18	930074042	47MF 63V
C180	930072241	4N7 63V	C19	930071638	22nF 16V	C2	930071638	22nF 16V
C20	930071451	100MF 25V	C201/A	930074022	47nF 50V	C203/A	930074044	100nF 63V
C205/A	930070652	4.7nF 50V	C209	930073354	10MF 35V	C21	930074004	4N7 50V
C211	930071636	10nF 25V	C214	532274000	68nF 63V	C216	930072127	1MF 50V
C222	930071638	22nF 16V	C224	930074042	47nF 63V	C23	930070720	470P 50V
C3	930071638	22nF 16V	C301	930073347	100N 160V	C302	930071334	100PF 50V
C303	930072962	680nF 250V	C305	930072141	6N8 2KV	C306	930073070	2.2MF 350V
C307	930072844	150nF 100V	C308	512174000	10MF 35V	C310	930070694	470MF 50V
C311	930073161	1MF 100V	C312	930073161	1MF 100V	C316	930073326	33u 400V
C317	930073747	100U 25V	C4	930071638	22nF 16V	C401	930072144	150nF 250V
C402	930073653	47nF 630V	C403	930072138	2.2nF 400V	C404	930072138	2.2nF 400V
C406	930072144	150nF 250V	C407	930074038	1nF 1KV	C408	930074038	1nF 1KV
C409	930074038	1nF 1KV	C410	930074038	1nF 1KV	C411	512240000	100MF 385V
C412	930072198	56pF 50V	C413	930071451	47MF 25V	C414	532393000	4,7nF 250V
C415	512036000	220MF 35V	C416	930073747	100U 25V	C417	930070720	470pF 50V

C418	930070828	1MF	100V	C419	532376000	6.8nF	400V	C420	532377000	2,2nF	1,5KV
C421	512244000	470P	16V	C422	930072506	470U	25V	C423	930073071	47MF	250V
C424	930070822	4.7MF	100V	C426	930074044	100nF	63V	C427	930074044	100nF	63V
C428	930073747	100MF	25V	C429	512246000	470U	16V	C430	522647000	270P	1KV
C431	522647000	270P	1KV	C433	930073468	10U	63V	C5	930071636	10nF	25V
C502	930074022	47NF	50V	C505	930073061	22U	35V	C507	512174000	10U	35V
C508	930072299	22N	63V	C509	930074042	47N	63V	C511	930073354	10MF	35V
C512	532274000	68N	63V	C513	930074052	470nF	63V	C514	512175000	220U	16V
C515	522487000	220P	50V	C516	532374000	2N7	63V	C517	532274000	68nF	63V
C518	930074048	220nF	63V	C520	930074052	470nF	63V	C521	930071638	22nF	16V
C524	930074044	100nF	63V	C525/A	522348000	CCD	12PF	C526	930071638	22nF	16V
C6	512175000	220U	16V	C601	930073427	1000U	35V	C602	930074044	100nF	63V
C603	930070830	100U	35V	C604	930071816	1N0	50V	C605	522609000	4N7	50V
C606	930070720	470P	50V	C607	930072963	220nF	60V	C608	930072983	1000U	25V
C610	930073427	1000MF	35V	C611	930071638	22nF	16V	C7	930074006	22N	50V
C701	930073821	18pF	50V	C702	930073161	1U0	100V	C703	532274000	68N	63V
C704	930074022	47N	50V	C705	930074022	47N	50V	C706	930070828	1MF	100V
C708	930073601	22UF	35V	C708/A	930073468	10UF	63V	C709	930073161	1U0	100V
C710	930070828	1MF	100V	C711	930073161	1U0	100V	C712	930073062	8P2	50V
C713	930073161	1MF	100V	C715	930071638	22nF	16V	C716	930074048	220nF	63V
C717	930072983	1000MF	25V	C718	930072506	470MF	25V	C719	930071636	10nF	25V
C721	930073663	4U7	63V	C722	930073821	18P	50V	C9	930071638	22nF	16V
C90	930070830	100U	35V	C91	930073743	47U	25V	C93	930071636	10nF	25V
C94	522603000	1N5	50V	C95	930073163	2U2	63V	C96	930071288	47P	50V
CH1	930071276	COIL	10UH	CH101	612524000	COIL		CH102	612524000	COIL	15UH
CH103	930071276	COIL	10UH	CH302	930070812	COIL	33UH	CH401	930071361	47UH	
CH402	930071361	47UH		CH403	612500000	COIL	4,7UH	CH404	612633000	COIL	10UH
CH405	930070860	COIL	500UH	CH406	612636000	COIL	22UH	CH501	612634000	COIL	10UH
CH502	612635000	COIL	1UH	CH701	930071276	COIL	10UH	C11	592600000	NVM3060-12	
CI101	592434000	TDA	3301/B	CI2	592621000	TVP02065		C13	592622000	SN7416	
CI401	592412000	TDA	4601/D	CI402	930072256	MC	7805CT	CI501	592623000	TDA4504	
CI601	592620000	TDA8170		CI701	592565000	TDA	8191	CI90	592441000	TBA2800	
D1	930074457	IN4148		D101	930074457	IN4148		D102	930074457	IN4148	
D103/A	930074457	IN4148		D103/B	930074457	IN4148		D2	930074457	1N	4148
D3	930074457	IN4148		D303	930074085	BA157		D304	930074085	BA157	
D305	930074085	BA157		D307	930074085	BA157		D308	930074085	BA157	
D4	930074457	IN4148		D401	930074478	IN4006		D402	930074478	IN4006	
D403	930074478	IN4006		D404	930074478	IN4006		D407	930074793	IN4001	
D408	930074085	BA157		D409	930074085	BA157		D410	582179000	BYV95C	
D411	582186000	BW95C		D412	930074457	IN4148		D413	582179000	BYV95C	
D5	930074457	IN4148		D502	930074457	IN4148		D504	930074457	IN4148	
D601	930074793	IN4001		D701	930074457	IN4148		D702	930074457	IN4148	
D703	930074457	IN4148		D704	930074457	IN4148		D90	930074457	IN4148	
DL90	582188000	LR3360-F		DZ1	582182000	ZTE22		DZ2	930070796	ZTK33A	
DZ201	930070796	ZTK33A		DZ301	930074324	ZPD12		DZ90	584010000	ZPD5V1	
F401	930076491	POR	6,3A 250V	F401.	930076759	FUS.3,15A T	250V	FC501	792264000	FILTER OI	STD P/86
FC701	930702202	FILTER	RI 5,5 M	FD201	930707098	BPM41		FD90	930070986	DFS-FD	
I401	672091000	INR	6A64/250	I901	672083000	INR	6A36	L105	930071278	BSC	1,4M
L301	612553000	COIL	DEF. 90"	L302	612567000	COIL	350UH	L502	930072686	COIL	1,5MH
L504	612630000	COIL	DM0012	L701	612484000	COIL	5,57MH	LR101	792194000	DELAY LINE	270NS
LR102	792195000	DELAY LINE	CR64US	P101	930072519	1K	0,1W	P401	552205000	POA	1K7 0,1W
P501	930072531	10K	0,1W	P502	552212000	POA	22K 0,1W	P503	930072541	47K	1,1W
P601	552195000	100	0,1W	P602	552167000	4K7	0,1W	PD401	930071400	PTC	160VRMS
PR501	930702205	PRE PERITELEVISION		PTC401	543613000	PTC	5K 265V	Q1	930702008	QUARTZ	1,00
Q101	792195000	QUARTZ	4433,619	R103	930070342	4R7	0,3W	R302	930071244	RPM	10R 2W
R303	542366000	RFU	6R8 0,3W	R304	930070347	2R2	2W	R309	543135000	RPV	10R 7W
R310	543126000	2K2	1W	R317	542918000	RFU	R33 0,4W	R321	543088000	RPV	10R 4W
R401	543139000	2.7K	2W	R401/A	930070096	4.7	11W	R403	542940000	R82	1,4W
R404	930071449	270 K	2W	R410	543137000	390	2W	R411	930071224	100	W
R412	930071086	10M	1W	R413	543083000	RFU	R10 0,5W	R419	542481000	47K	W
R515	543668000	RFU	22R 0,3W	R538	930070342	RFU	4R7 0,3W	R539	930070342	RFU	R7 0,3W
R55	543909000	6K8	2W	R56	543906000	RPM	4K7 2W	R601	930071005	4R7	W
R612	930070013	RFU	2R2 0,4W	R616	930071005	4.7	2W	R717	930070013	RFU	R2 0,4W
R718	930070109	RFU	4R7 0,5W	T1	930071228	BC	5488	T10	930071230	BC558B	



T11 930071228 BC548B  
T14 930071230 BC558B  
T17 930071228 BC548B  
T181 930071230 BC558B  
T20 930071228 BC548B  
T304 572234000 BD675  
T402 930071228 BC548B  
T405 930071228 BC548B  
T503 930071228 BC548B  
T701 930071228 BC548B  
T90 930071228 BC548B  
TR301 632060000 EHT CABLE  
TR402 622114000 POWER TRASFORMER

T12 930071230 BC558B  
T15 572273000 BF240  
T18 930071228 BC548B  
T19 930071228 BC548B  
T21 930071228 BC548B  
T305 572262000 BU508BF  
T403 930071228 BC548B  
T5 930071228 BC548B  
T6 930071230 BC338B  
T8 930071230 BC558B  
T91 930071228 BC548B  
TR302 930702026 TF DRIVER

T13 930071230 BC558B  
T16 572207000 BC547B  
T180 930071228 BC548B  
T2 930071230 BC 558B  
T302 930074035 BC327/25  
T401 572261000 BU508AF  
T404 572235000 BD434  
T501 930071228 BC548B  
T7 930071228 BC548B  
T9 930071228 BC548B  
T92 930071228 BC548B  
TR401 930072185 BFR 2X20MH

# 804504000 Ref.BS700.4

# MONO 90" CHASSIS

001 342063000 SPRING FIX TR.  
006 882204000 TUNER CATV/ST  
010 692040000 62 CABLE  
C101 930070828 1MF 100V  
C102 930073747 100MF 25V  
C103/B 930071816 1nF 50V  
C106 930074048 220nF 63V  
C108/A 930071638 22nF 16V  
C111 930073251 1nF 50V  
C114 930074052 470nF 63V  
C117 930070828 1MF 100V  
C119/A 522593000 180PF 50V  
C120/A 930073135 82pF 50V  
C122/A 930071638 22NF 50V  
C125 930074042 47nF 63V  
C14 930074052 1U0 63V  
C16/A 930073787 15P 50V  
C180 930072241 4N7 63V  
C20 930071451 100MF 25V  
C205/A 930070652 4.7nF 50V  
C211 930071636 10nF 25V  
C222 930071638 22nF 16V  
C3 930071638 22nF 16V  
C303 930072962 680nF 250V  
C306 930073070 2,2M 350V  
C310 930070694 470MF 50V  
C316 930073326 33U 400V  
C401 930072144 150nF 250V  
C404 930072138 2.2NF 400V  
C408 930074038 1nF 1KV  
C411 512240000 100MF 385V  
C414 532376000 6,8nF 250V  
C417 930070720 470pF 50V  
C420 532377000 2,2nF 1,5KV  
C423 930073071 47MF 250V  
C426 930074044 100nF 63V  
C429 512246000 470U 16V  
C433 930073468 10U 63V  
C505 930073061 22U 35V  
C509 930074042 47N 63V  
C513 930074052 470nF 63V  
C516 532374000 2N7 63V  
C520 930074052 470nF 63V  
C525/A 522348000 CCD 12PF  
C601 930073427 1000U 35V  
C604 930071816 1N0 50V

002 672087000 PUSH BUTTON  
007 692039000 FOCUS CABLE  
C1 522605000 2N2 50V  
C101/A 930071334 100pF 50V  
C103 930071288 47pF 50V  
C104 930071166 22pF 50V  
C107 930070720 470pF 50V  
C11 930071638 22nF 16V  
C112 930073603 15pF 50V  
C115 930071816 1nF 50V  
C118 930070824 220MF 16V  
C12 930071638 22nF 16V  
C121 930074044 100nF 63V  
C123 930074044 100nF 63V  
C126 930074042 47nF 63V  
C15 930074004 4.7nF 50V  
C17 930074044 100nF 63V  
C19 930071638 22nF 16V  
C201/A 930074022 47nF 50V  
C209 930073354 10MF 35V  
C214 532274000 68nF 63V  
C224 930074042 47nF 63V  
C301 930073347 100N 160V  
C304 532355000 330N 250V  
C307 930072844 150nF 100V  
C311 930073161 1MF 100V  
C317 930073747 100U 25V  
C402 930073320 100N 400V  
C406 930072144 150nF 250V  
C409 930074038 1nF 1KV  
C412 930072198 56pF 50V  
C415 512036000 220MF 35V  
C418 930070828 1MF 100V  
C421 512244000 470P 16V  
C424 930070822 4.7MF 100V  
C427 930074044 100nF 63V  
C430 522647000 270P 1KV  
C5 930071636 10nF 25V  
C507 512174000 10U 35V  
C511 930073354 10MF 35V  
C514 512175000 220U 16V  
C517 532274000 68nF 63V  
C521 930071638 22nF 16V  
C526 930071638 22nF 16V  
C602 930074044 100nF 63V  
C605 522609000 4N7 50V

005 482884000 MICA  
008 692038000 EHT CABLE  
C10 930071638 22nF 16V  
C101/B 930071288 47pF 50V  
C103/A 930073251 1nF 50V  
C105 930071638 22nF 16V  
C108 930073468 10MF 63V  
C110 930071636 10nF 25V  
C113 930074044 100nF 63V  
C116 930074044 100nF 63V  
C119 930070828 1U0 100V  
C120 930073821 18P 50V  
C122 930071638 22nF 16V  
C124 930074044 100nF 63V  
C13 930074048 220N 63V  
C16 930073257 100P 50V  
C18 930074042 47NF 63V  
C2 930071638 22nF 16V  
C203/A 930074044 100nF 63V  
C21 930074004 4N7 50V  
C216 930072127 1MF 50V  
C23 930070720 470P 50V  
C302 930071334 100PF 50V  
C305 532396000 7N7 2KV  
C308 512174000 10MF 35V  
C312 930073161 1MF 100V  
C4 930071638 22nF 16V  
C403 930072138 2.2nF 400V  
C407 930074038 1nF 1KV  
C410 930074038 1nF 1KV  
C413 930071451 47MF 25V  
C416 930073747 100U 25V  
C419 532376000 6.8nF 400V  
C422 930072506 470U 25V  
C425 512200000 47U 250V  
C428 930073747 100MF 25V  
C431 522647000 270P 1KV  
C502 930074022 47NF 50V  
C508 930072299 22N 63V  
C512 532274000 68N 63V  
C515 522487000 220P 50V  
C518 930074048 220nF 63V  
C524 930074044 100nF 63V  
C6 512175000 220U 16V  
C603 930070830 100U 35V  
C606 930070720 470P 50V

C607	930072963	220nF	60V	C608	930072983	1000U	25V	C610	930073427	1000MF	35V
C611	930071638	22nF	16V	C7	930074006	22N	50V	C701	930073821	18pF	50V
C702	930073161	1U0	100V	C703	532274000	68N	63V	C704	930074022	47N	50V
C705	930074022	47N	50V	C706	930070828	1MF	100V	C708	930073601	22UF	35V
C708/A	930073468	10UF	63V	C709	930073161	1U0	100V	C710	930070828	1MF	100V
C711	930073161	1U0	100V	C712	930073062	8P2	50V	C713	930073161	1MF	100V
C715	930071638	22nF	16V	C716	930074048	220nF	63V	C717	930072983	1000MF	25V
C718	930072506	470MF	25V	C719	930071636	10nF	25V	C721	930073663	4U7	63V
C722	930073821	18P	50V	C9	930071638	22nF	16V	C90	930070830	100U	35V
C901	930073697	1N0	50V	C91	930073743	47U	25V	C93	930071636	10nF	25V
C94	522603000	1N5	50V	C95	930073163	2U2	63V	C96	930071288	47P	50V
CH1	930071276	COIL	10UH	CH101	612524000	COIL		CH102	612524000	COIL	15UH
CH103	930071276	COIL	10UH	CH302	930070812	COIL	33UH	CH401	930071361	COIL	47UH
CH402	930071361	COIL	47UH	CH403	612500000	COIL	4,7UH	CH404	612633000	COIL	40UH
CH405	930070860	COIL	500UH	CH406	612636000	COIL	22UH	CH501	612634000	COIL	10UH
CH502	612635000	COIL	1UH	CH701	930071276	COIL	10UH	C11	592600000	NVM3060-12	
CI101	592434000	TDA	3301/B	CI12	592621000	TVP02065		C13	592622000	SN7416	
CI401	592412000	TDA	4601/D	CI402	930072256	MC	7805CT	CI501	592623000	TDA4504	
CI601	592620000	TDA8170		CI701	592565000	TDA	8191	CI90	592441000	TBA2800	
D1	930074457	1N4148		D101	930074457	1N4148		D102	930074457	1N4148	
D103/A	930074457	1N4148		D103/B	930074457	1N4148		D2	930074457	1N	4148
D3	930074457	1N4148		D303	930074085	BA157		D304	930074085	BA157	
D305	930074085	BA157		D307	930074085	BA157		D308	930074085	BA157	
D4	930074457	1N4148		D401	930074478	1N4006		D402	930074478	1N4006	
D403	930074478	1N4006		D404	930074478	1N4006		D407	930074793	1N4001	
D408	930074085	BA157		D409	930074085	BA157		D410	582179000	BYV95C	
D411	582186000	BW95C		D412	930074457	1N4148		D413	582179000	BYV95C	
D5	930074457	1N4148		D502	930074457	1N4148		D504	930074457	1N4148	
D601	930074793	1N4001		D701	930074457	1N4148		D702	930074457	1N4148	
D703	930074457	1N4148		D704	930074457	1N4148		D90	930074457	1N4148	
DL90	582188000	LR3360-F		DZ1	582182000	ZTE22		DZ2	930070796	ZTK33A	
DZ201	930070796	ZTK33A		DZ301	930074324	ZPD12		DZ90	584010000	ZPD5V1	
F401	930076759	3,15 A	250V	F401.	930076759	FUS.3,15A T	250V	FC501	792264000	FILTER DA STD P/B6	
FC701	930702202	FILTER	RI 5,5 M	FD201	930707098	BPW41		FD90	930070986	DFS-FD	
I401	672091000	1NR	6A64/250V	I901	672083000	1NR	6A36	L105	930071278	COIL	4,4M
L301	612525000	COIL	DEFLECTION	L302	612499000	COIL	25/115UH	L502	930072686	COIL	5,5MH
L504	612630000	COIL	DM0012	L701	612484000	COIL	5,57MH	LR101	792194000	DELAY LINE	270NS
LR102	792195000	DELAY LINE	CR64US	P101	930072519	1K	0,1W	P401	552205000	PQA	4K7 0,1W
P501	930072531	10K	0,1W	P502	552212000	PQA	22K 0,1W	P503	930072541	47K	0,1W
P601	552195000	100	0,1W	P602	552167000	4K7	0,1W	P0401	930071400	PTC	260VRMS
PR501	930702205	PRE PERITELEVISION		PTC401	543613000	PTC	5K 265V	Q1	930702008	QUARTZ	4,00
Q101	792195000	QUARTZ	4433,619	R103	930070342	4R7	0,3W	R302	930071244	RPM	180R 2W
R303	542366000	RFU	6R8 0,3W	R304	930070347	2R2	2W	R309	543135000	RPV	5R6 7W
R310	543126000	2K2	1W	R317	542918000	RFU	R33 0,4W	R321	543120000	RQP	10K 2W
R401	543139000	2.7K	2W	R401/A	930070096	4.7	11W	R403	542940000	R82	0,4W
R404	930071449	270 K	2W	R410	543137000	390	2W	R411	930071224	100	2W
R412	930071086	10M	1W	R413	543083000	RFU	R10 0,5W	R419	542481000	47K	2W
R515	543668000	RFU	22R 0,3W	R538	930070342	RFU	4R7 0,3W	R539	930070342	RFU	4R7 0,3W
R55	543907000	6K8	2W	R56	543906000	RPM	4K7 2W	R601	930071005	4R7	2W
R612	930070013	RFU	2R2 0,4W	R616	930071005	4.7	2W	R717	930070013	RFU	2R2 0,4W
R718	930070109	RFU	4R7 0,5W	T1	930071228	BC	548B	T10	930071230	BC558B	
T11	930071228	BC548B		T12	930071230	BC558B		T13	930071230	BC558B	
T14	930071230	BC558B		T15	572273000	BF240		T16	572207000	BC547B	
T17	930071228	BC548B		T18	930071228	BC548B		T180	930071228	BC548B	
T181	930071230	BC558B		T19	930071228	BC548B		T2	930071230	BC	558B
T20	930071228	BC548B		T21	930071228	BC548B		T302	930074035	BC327/25	
T304	572234000	BD675		T305	572262000	BU508DF		T401	572261000	BU508F	
T402	930071228	BC548B		T403	930071228	BC548B		T404	572235000	BD434	
T405	930071228	BC548B		T5	930071228	BC548B		T501	930071228	BC548B	
T503	930071228	BC548B		T6	930071230	BC338B		T7	930071228	BC548B	
T701	930071228	BC548B		T8	930071230	BC558B		T9	930071228	BC548B	
T90	930071228	BC548B		T91	930071228	BC548B		T92	930071228	BC548B	
TR301	632058000	EHT CABLE		TR302	930702026	TF DRIVER		TR401	930072185	BFR	2K0MH
TR402	622114000	POWER TRASFORMER									

**804371000 Ref.BS783.1**
**CRT P.C.B.**

001	682472000 CON.7WAYS P2,5	002	682482000 CON 7WAYS P2,5	003	682516000 SOCKET CRT MININECK
C133	522457000 CCN 82P 50V	C134	522457000 CCN 82P 50V	C135	522457000 CCN 82P 50V
C137	930072109 CEN 2U2 250V	C138	522625000 CAT 2N2 2KV	D103	930074457 IN4148
D104	930074457 IN4148	D105	930074457 IN4148	P103	930072547 POA 2K2 0,1W
P104	930072547 POA 2K2 0,1W	R160	542918000 RFU R33 0,4W	R160/A	542918000 RFU R33 0,4W
R161	542432000 RSC 1K5 1W	T101	572217000 BF422	T102	572217000 BF422
T103	572217000 BF422	T104	930070852 BF493S	T105	930070852 BF493S
T106	930070852 BF493S				

**804187201 Ref.BS783.1**
**TRC P.C.B.**

001	682576000 SOCKET TRC	002	682472000 CONNET. FEM.7	003	682482000 CONN.FEM.4 VIE
C127	522487000 220pF 50V	C128	522487000 220pF 50V	C129	522487000 220pF 50V
C130	930071168 68pF 50V	C131	930071168 68pF 50V	C132	930071168 68pF 50V
C133	930073135 82pF 50V	C134	930073135 82pF 50V	C135	930073135 82pF 50V
C136	930073506 100nF 250V	C137	930079687 10MF 350V	C138	930071326 2.2nF 2KV
D103	930074457 1N 4148	D104	930074457 1N 4148	D105	930074457 1N 4148
P102	930072547 2.2 K 0.1W	P103	930072547 2.2 K 0.1W	P104	930072547 2.2 K 0.1W
R144	543122000 8.2 K 4W	R145	543122000 8.2 K 4W	R146	543122000 8.2 K 4W
R147	930070205 3.3 K 1/4W	R148	930070205 3.3 K 1/4W	R149	930070205 3.3 K 1/4W
R153/A	543669000 RPM 820R 2W	R156	930070451 1 K 1/2W	R157	930070451 1 K 1/2W
R158	930070451 1 K 1/2W	R160/A	930070238 RFU R33 0.4W	R161	542432000 1.5 K 1W
R162	543128000 RCP 1R5 1W	T101	930072432 BF 758	T102	930072432 BF 758
T103	930072432 BF 758	T104	930070852 BF 493S	T105	930070852 BF 493S
T106	930070852 BF 493S				

**804505000 Ref.BS697.3**
**TRC P.C.B.**

001	682472000 CON.7WAYS P2,5	002	682482000 CON 7WAYS P2,5	003	682498000 SOCKET CRT
C127	522594000 220P 50V	C133	522457000 CCN 82P 50V	C134	522457000 CCN 82P 50V
C135	522457000 CCN 82P 50V	C136	930073506 CMM 100N 250V	C137	930079687 CRA 10U 350V
C138	522625000 CAT 2N2 2KV	D103	930074457 IN4148	D104	930074457 IN4148
D105	930074457 IN4148	P103	930072547 POA 2K2 0,1W	P104	930072547 POA 2K2 0,1W
R144	543122000 ROP 8K2 4W	R145	543122000 ROP 8K2 4W	R146	543122000 ROP 8K2 4W
R153/A	543669000 RPM 820R 2W	R160	542918000 RFU R33 0,4W	R160/A	542918000 RFU R33 0,4W
R161	542432000 RSC 1K5 1W	T101	930072432 BF758	T102	930072432 BF758
T103	930072432 BF758	T104	930070852 BF493S	T105	930070852 BF493S
T106	930070852 BF493S				

**804490000 Ref.RCU784T**
**TRANSMITTER**

001	342074000 SPRING BATTER	002	362310000 KEIBOARD	003	482912000 CONTACTS RUBBER
004	482917000 BASE	005	482918000 BATTERY COVER	006	483143000 UPPER CABINRT
007	804491000 REMOTE CONTROL P.C.B.	008	342075000 TERMINAL BATTERY	009	392180000 LED PROTECTION

**804491000 Ref.BS845.0**
**REMOTE CONTROL P.C.B.**

001	512204000 470M 10V	C1801	592453000 SAA1250-1	D801	930074793 1N 4001
DL801	930070562 CBX 89A-2	DL802	930070562 CBX 89A-2	DZ801	582192000 DZM ZMH3
T801	930071228 BC 548B	T802	930072342 BC 635	T803	930072342 BC635



## 804284000 Ref.BS814.0

## MAINS FILTER P.C.B.

001	930076491 PQR	6,3A	250V	AL1/AL2	682295000 CON.	2WAYS	P2,5M	AL3/AL4	682481000 CON.	2WAYS	P2,5F
C951	930073697 CCD	1N0	50V	C952	930073697 CCD	1N0	50V	CH951	930071361 BCH	47UH	0,8A
CH952	930071361 BCH	47UH	0,8A	F951	930076759 FUS	3,15A	T 250V	1220	682157000 CON.	3WAYS	P.2,5
IR951	672091000 INR	6A64	250VCA	PR951	682552000 PRE	HEADPHONE		VA1/VA4	682293000 CON.	4WAYS	P2,5

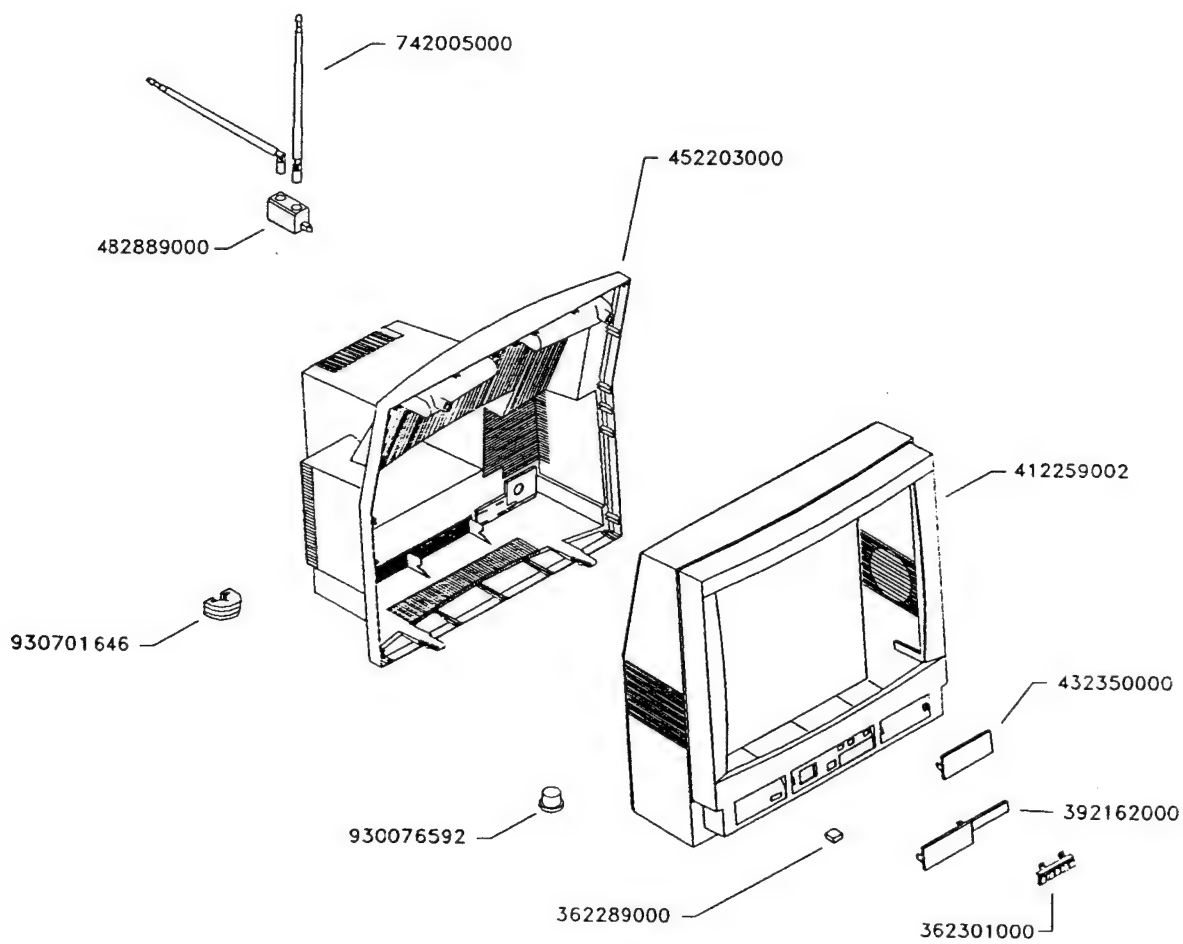
## 804501000 Ref.BS843.0

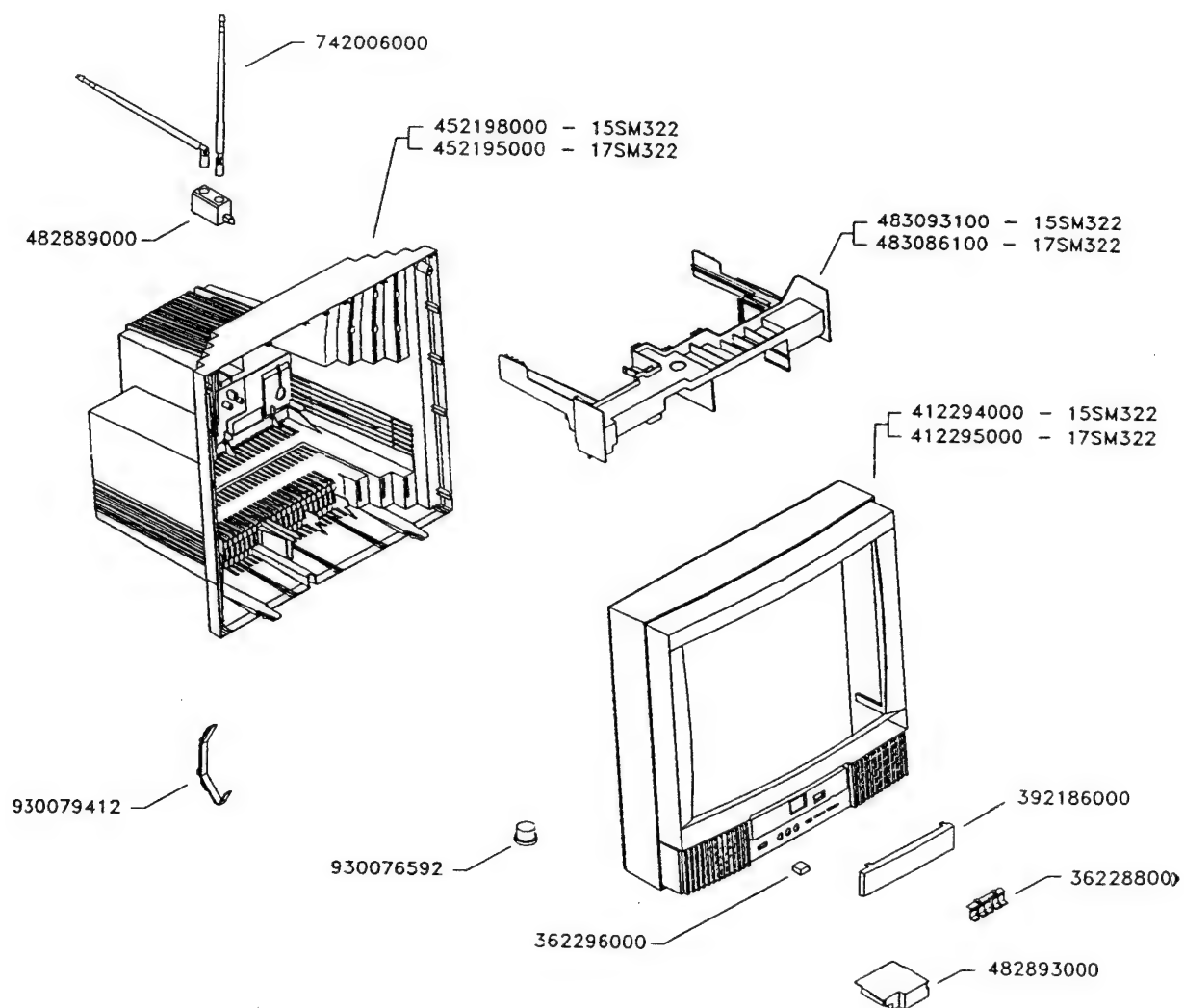
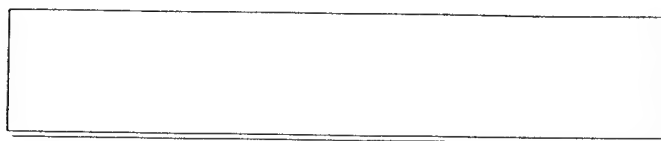
## TTXT P.C.B.

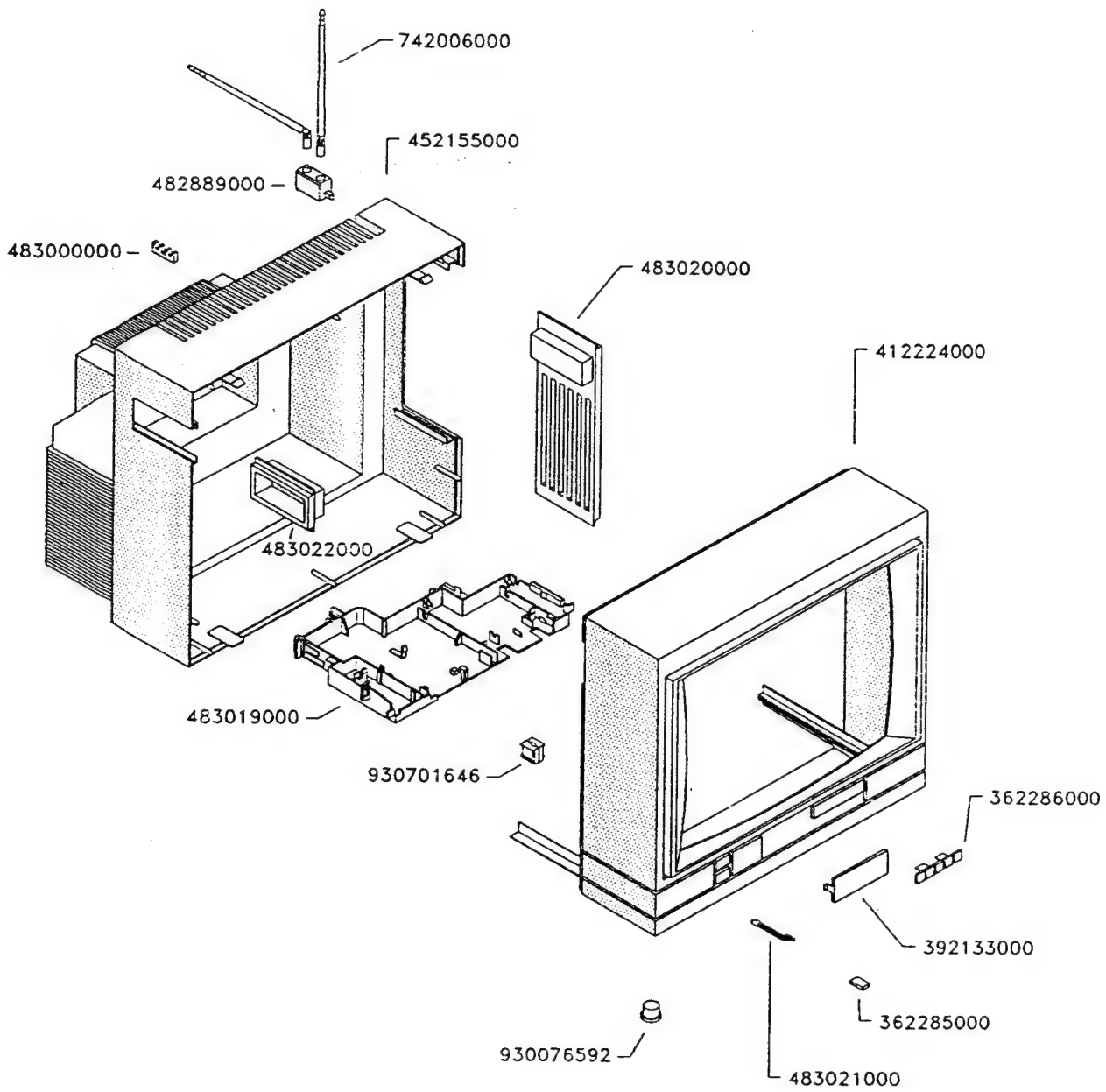
001	682593000 CONNECTOR	F. 8WAYS		C651	930074022 CCN	47N	50V	C652	522473000 CCN	27P	50V
C654	930074022 CCN	47N	50V	C655	930074022 CCN	47N	50V	C656	930073468 CEN	10U	63V
C658	930073163 CEN	2U2	63V	C659	930073468 CEN	10U	63V	C660	522487000 CCN	220P	50V
C661	532274000 CFN	68N	63V	C662	930073257 CCN	100P	50V	C663	522482000 CCN	270P	50V
C664	930074006 CCN	22N	50V	C665	930073253 CCN	470P	50V	C666	930073251 CCN	1N0	50V
C667	930073787 CCN	15P	50V	C668	930073787 CCN	15P	50V	C669	930073027 CCN	10P	50V
C670	930073837 CCN	18P	50V	C671	930073160 CCN	10N	50V	C672	930073253 CCN	470P	50V
C673	532276000 CFN	100N	63V	C674	930073743 CEN	47U	25V	C675	930070824 CEN	220U	16V
C676	930073745 CEN	100U	35V	C677	532276000 CFN	100N	63V	C678	930074022 CCN	47N	50V
CH651	930071276 COIL	10UH		CH652	612479000 COIL	15UH		CI651	592421000 SAA5231		
CI652	592570000 SAA5243P/E			CI653	930070252 RAM	S.2KX8		CV651	502018000 TRI	3P0/11PF	
D651	930074457 IN4148			Q651	792188000 QUARTZ	13,875		Q652	930702212 QUARTZ	6,00	
R673	542366000 RFU	6R8	0,3W	T651	930071230 BC558B			T652	930071228 BC548B		
T653	930071228 BC548B			T654	930071228 BC548B			T655	930071228 BC548B		
T656	930071228 BC548B			T657	930071228 BC548B			T658	930070418 TR	BC639	
T659	930071228 BC548B										

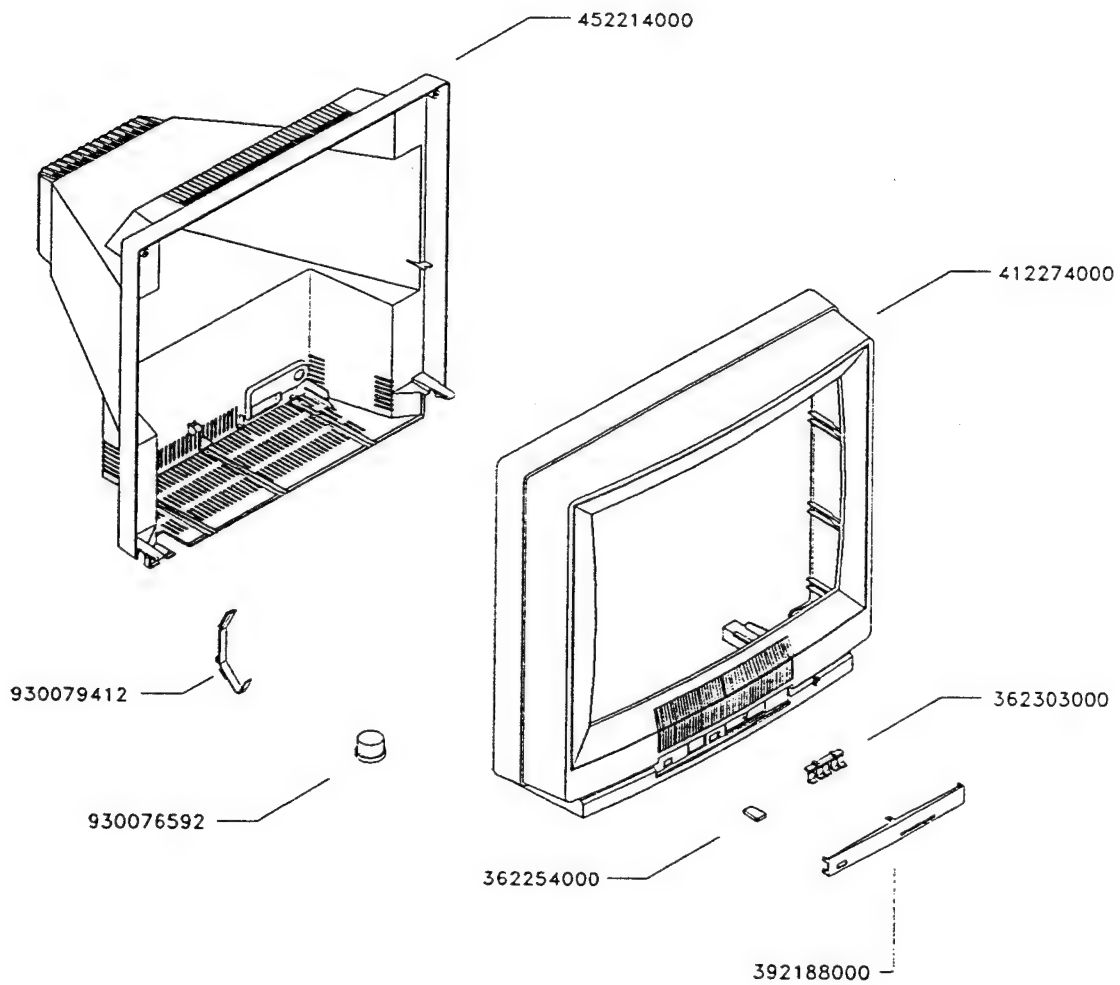
14SE112

14SE119





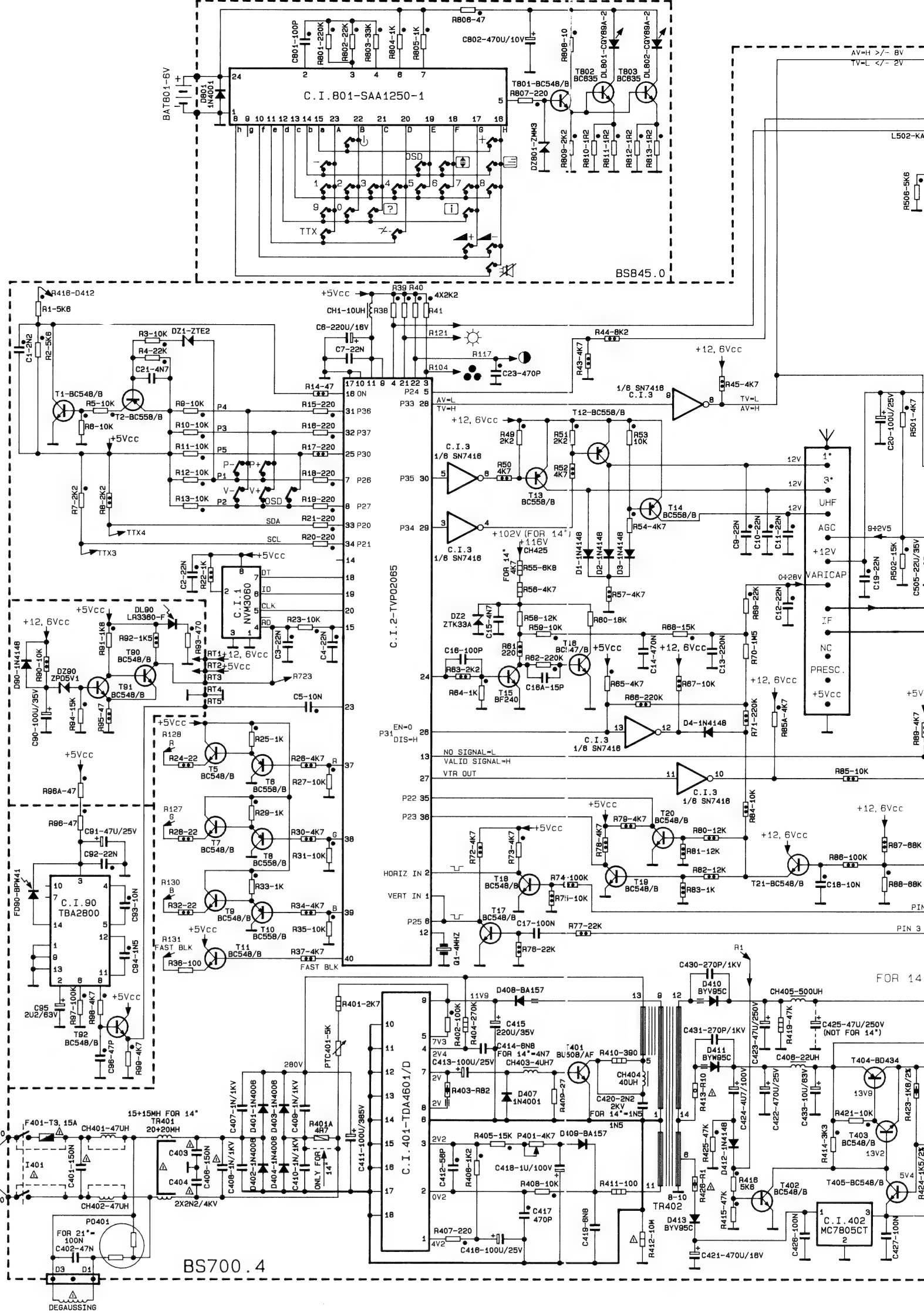
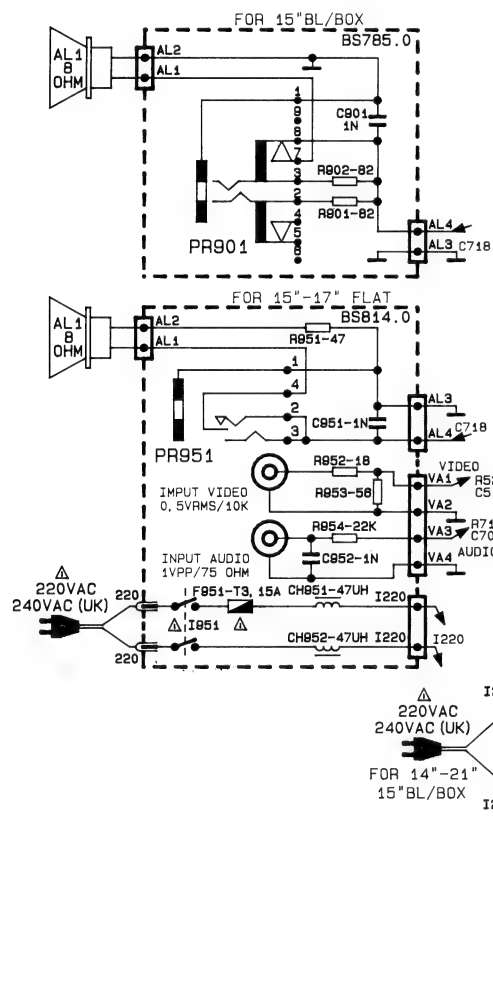




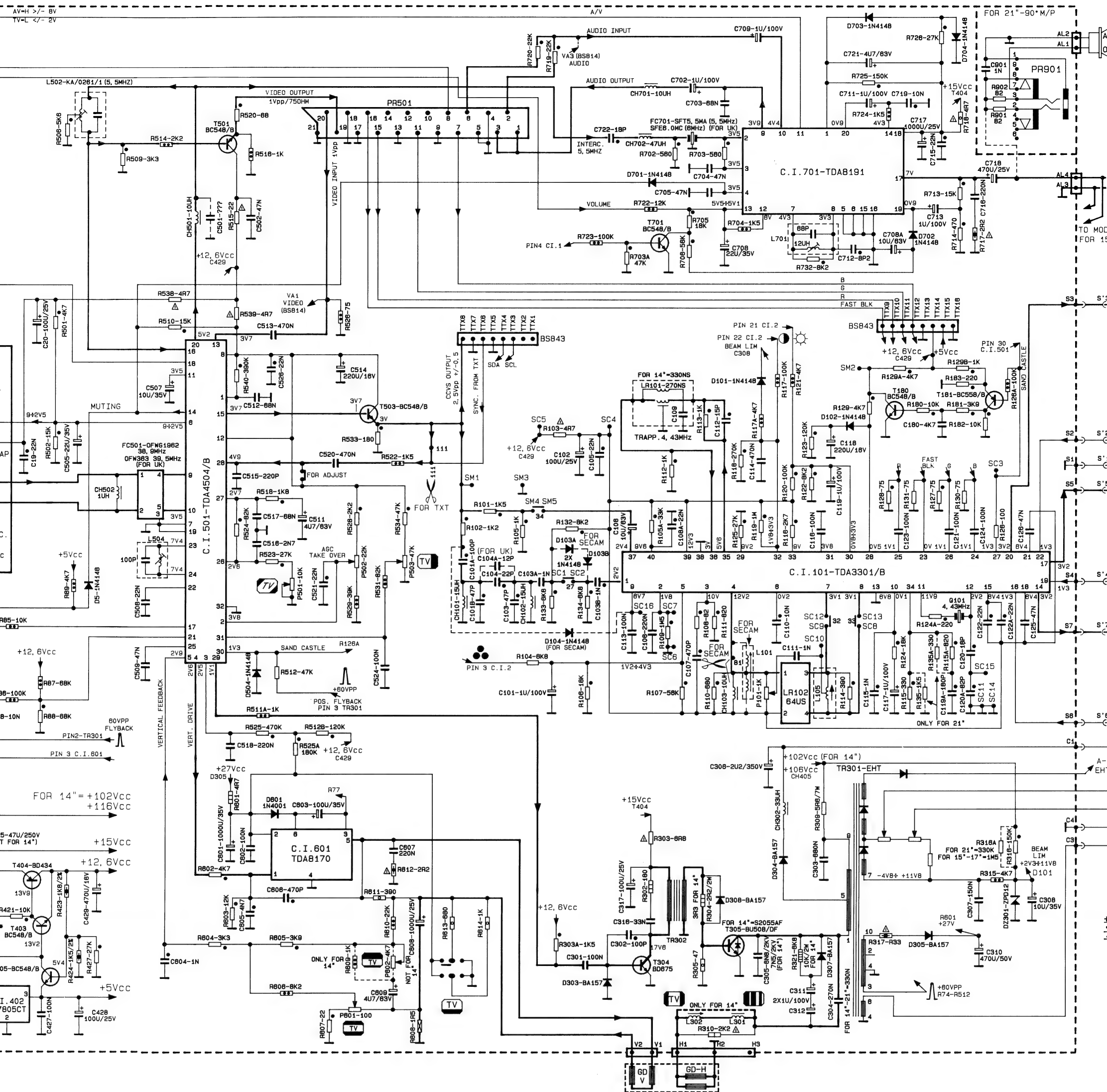
The Manufacturer declines all responsibility for possible inaccuracies contained in this catalogue if these are the result of printing or transcription errors. Furthermore, it reserves the right to make any modification on their components which it might deem necessary or useful, without altering their basic characteristics.

# VARIATIONS BETWEEN MODELS

RIF. SCHEMA	14"-90"	15"-90"	15"-17"-90"	21"-90"
R55	4K7/2W	6K8/2W	6K8/2W	6K8/2W
R56	4K7/2W	4K7/2W	4K7/2W	4K7/2W
LR101	330NS	270NS	270NS	270NS
R135	---	---	---	1K5
R135A	---	---	---	330
R304	3R3/2W	2R2/2W	2R2/2W	2R2/2W
R310	---	2K2/1W	2K2/1W	2K2/1W
R318A	---	1M5	1M5	330K
R321	10K/2W	6K8/4W	6K8/4W	6K8/4W
C304	330N	270N	270N	330N
C305	7N5/2KV	6N8/2KV	6N8/2KV	6N8/2KV
L301	---	BLI	BLI	---
L302	---	350UH	350UH	115UH
T305	S2055AF	BU508/DF	BU508/DF	BU508/DF
R401A	---	4R7/2W	4R7/2W	4R7/2W
C402	47N	47N	47N	100N
C414	4N7	6N8	6N8	6N8
C420	1N5/1KV5	2N2/2KV	2N2/2KV	2N2/2KV
C425	---	47U/250V	47U/250V	47U/250V
TR401	2X15UH	2X20UH	2X20UH	2X20UH
R809	1K	---	---	4K7
P802	---	---	---	82
R801	---	---	---	82
R802	---	---	---	1N
C901	---	---	---	PR901
PR801	---	---	---	---
BS	---	BS785	BS814	---
R135	3K3	3K3	3K3	2K2
R136	3K3	3K3	3K3	2K2
R137	3K3	3K3	3K3	2K2
R141	580	390	390	390
R142	580	390	390	390
R143	580	390	390	390
R144	10K	8K2	8K2	8K2
R145	10K	8K2	8K2	8K2
R146	10K	8K2	8K2	8K2
R153/A	---	820/2W	820/2W	---
R153	180K	150K	150K	180K
R154	180K	150K	150K	180K
R155	150K	150K	150K	180K
R160	R33	---	---	R33
R162	---	1R5/2W	1R5/2W	---
R163	470	---	---	---
R164	1K8	---	---	---
P102	---	2K2	2K2	2K2
C127	180P	220P	220P	220P
C136	---	100N	100N	100N
C137	2U2/250V	10U/350V	10U/350V	10U/350V
T101	BF422	BF758	BF758	BF758
T102	BF422	BF758	BF758	BF758
T103	BF422	BF758	BF758	BF758
BS	BS783	BS783	BS783	BS697



AV=H >/- 8V  
TV=L </- 2V



# Colour TV receiver Farbfernsehgerät Téléviseur couleur Televisore a colori 40 PR

## BS 700.4 - 90° ON SCREEN DISPLAY

BS 697 - 701 - 717 - 781 - 783

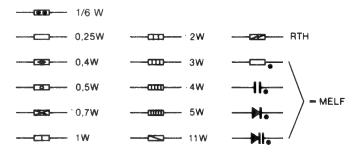
BS 814 - 843 - 845

The manufacturers reserve all legal rights with regard to the ownership of this document and hereby prohibit reproduction or distribution of the same without their prior permission.  
Moreover, they decline all responsibility for eventual errors, whether due to misprints or incorrect transcription, and reserve the right to make any necessary or useful changes without jeopardizing the essential characteristics.  
All resistors without markings are 1/4 W - 5%. All measurements refer to ground with mains supply 220V (240V UK) correct picture and a voltmeter of 20.000 Ohm/V.

Die Herstellerfirma behält sich alle gesetzlichen Eigentumsrechte dieser Unterlage vor, der Nachdruck und die Verbreitung bedarf der ausdrücklichen Genehmigung durch dieselbe.  
Ferner wird jegliche Verantwortung für eventuelle Ungenauigkeiten der vorliegenden Unterlage, durch Fehler beim Druck oder bei der Übertragung des Textes, abgelehnt. Die Herstellerfirma behält sich weiter vor, Änderungen, die als notwendig oder zweckmässig angesehen werden, vorzunehmen ohne dass dabei die wesentlichen Eigenschaften des Teiles beeinträchtigt werden.  
Alle Widerstände ohne Bezeichnung sind 1/4 W - 5%. Alle Messungen beziehen sich auf Masse, mit einer Netzspannung von 220 V (240 V UK) und normalem Fernsehsignal gemessen mit einem Voltmeter von 20.000 Ohm/V.

Le constructeur se réserve aux termes de la loi, la propriété de le document et l'interdiction de le réimprimer ou sa divulgation sans son permisi.  
Decline toute responsabilité pour d'éventuelles inexactitudes (fautes d'impression ou de transcription), contenues dans ce document. Il se réserve en outre le droit d'apporter toutes les modifications qu'il estimerait nécessaires ou utiles, sans porter préjudice au caractéristiques essentielles.  
Toutes les résistances sans d'indication sont de 1/4 W - 5%. Toutes les mesures sont respect a la masse, avec tension secteur 220 V (240 V UK). Image corecte et avec un voltmètre de 20.000 Ohm/V.

La casa costruttrice si riserva ai termini di legge la proprietà del presente documento con divieto di riprodurlo o divulgarlo senza sua previa autorizzazione.  
Inoltre declina ogni responsabilità per le possibili inesattezze contenute nel presente documento, se dovute ad errori di stampa o trascrizione. Si riserva il diritto di apportare quelle modifiche che ritenesse necessarie o utili, senza pregiudicarne le caratteristiche essenziali.  
Tutte le resistenze prive d'indicazione s'intendono da 1/4 W - 5%. Tutte le misure s'intendono rispetto a massa con alimentazione rete 220 V (240 V UK). Immagine corretta e con un voltmetro da 20.000 Ohm/V.



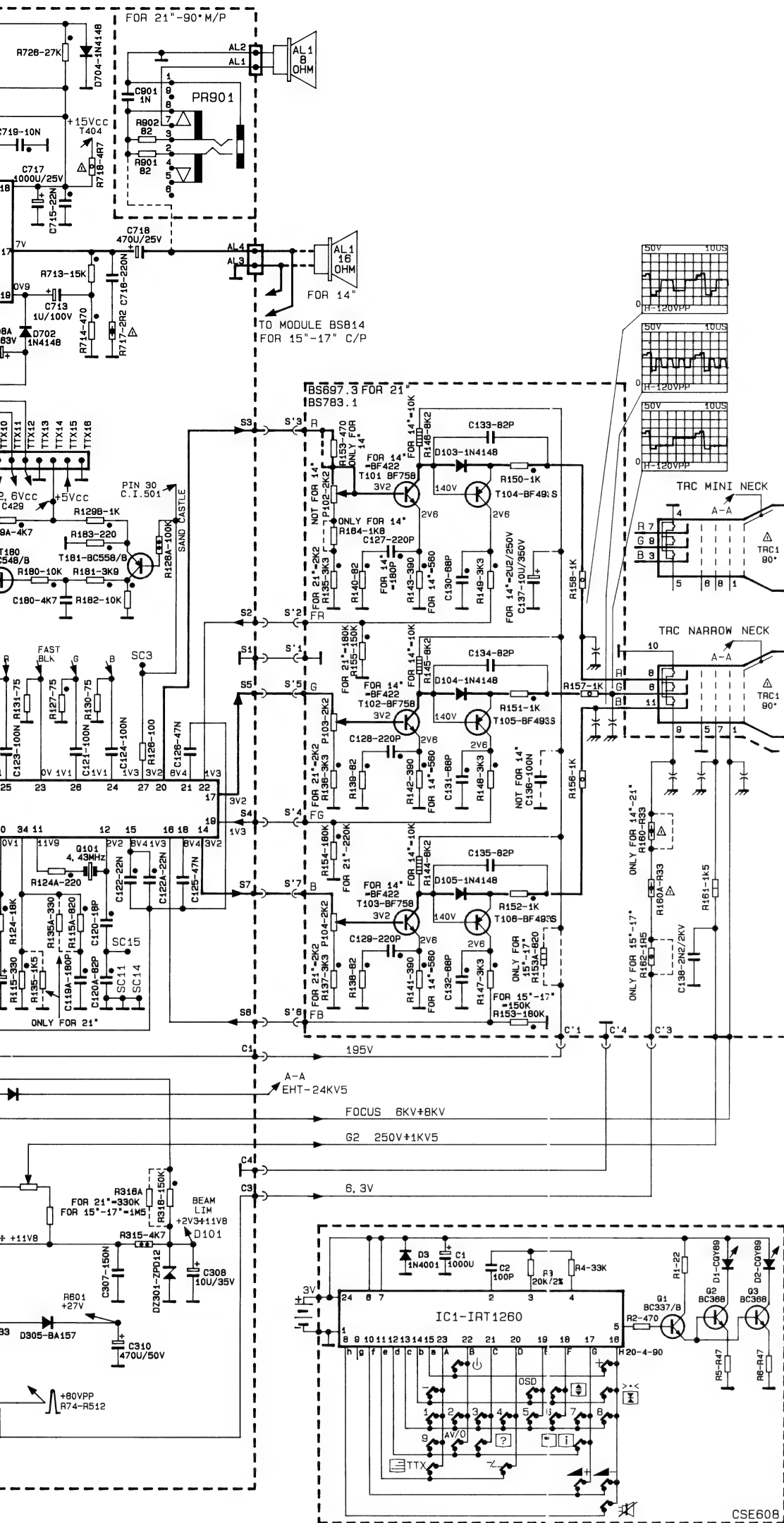
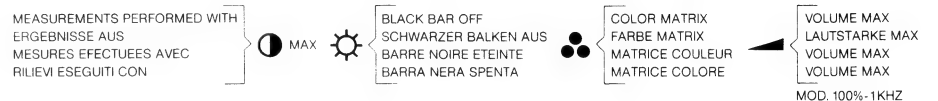
In order to ensure the maximum safety and reliability, original spare parts should always be used when replacing components.  
Particular care should be taken when replacing components marked with the symbol  $\Delta$ .

Zur Gewährleistung von Sicherheit und Zuverlässigkeit dürfen nur Original-Ersatzteile verwendet werden.  
Besondere Sorgfalt wird bei den Teilen, die mit dem Symbol  $\Delta$  gekennzeichnet sind, verlangt.

Pour une plus grande sécurité et fiabilité, tous les composants doivent être remplacés par des pièces originales.  
Il faut prêter une attention particulière à ceux portant le symbole  $\Delta$ .

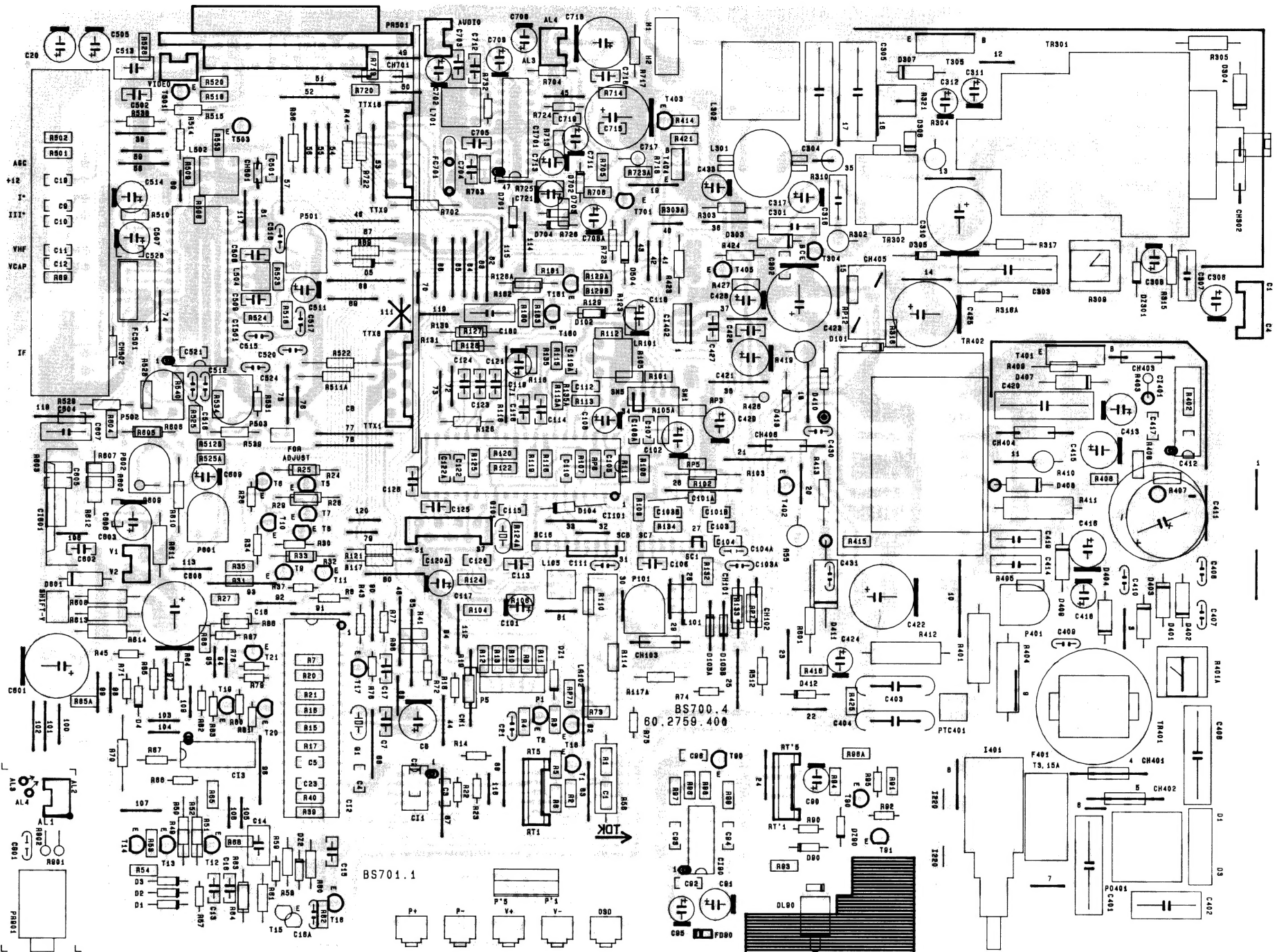
Ai fini della sicurezza ed affidabilità tutti i componenti devono essere sostituiti con pezzi originali.  
Particolare attenzione va posta a quelli contrassegnati con il simbolo  $\Delta$ .

MEASUREMENTS PERFORMED USING COLOUR BARS WITH 100% MODULATION  
MESSUNGEN SIGNALTYP 100% MODULIERTES FARBBALKEN  
LES MESURES SONT EFFECTUEES AVEC SIGNAL: MIRE EN COULEUR MODULEE AU 100%  
RILIEVI ESEGUITI CON SEGNALE: BARRE COLORE MODULEE AL 100%

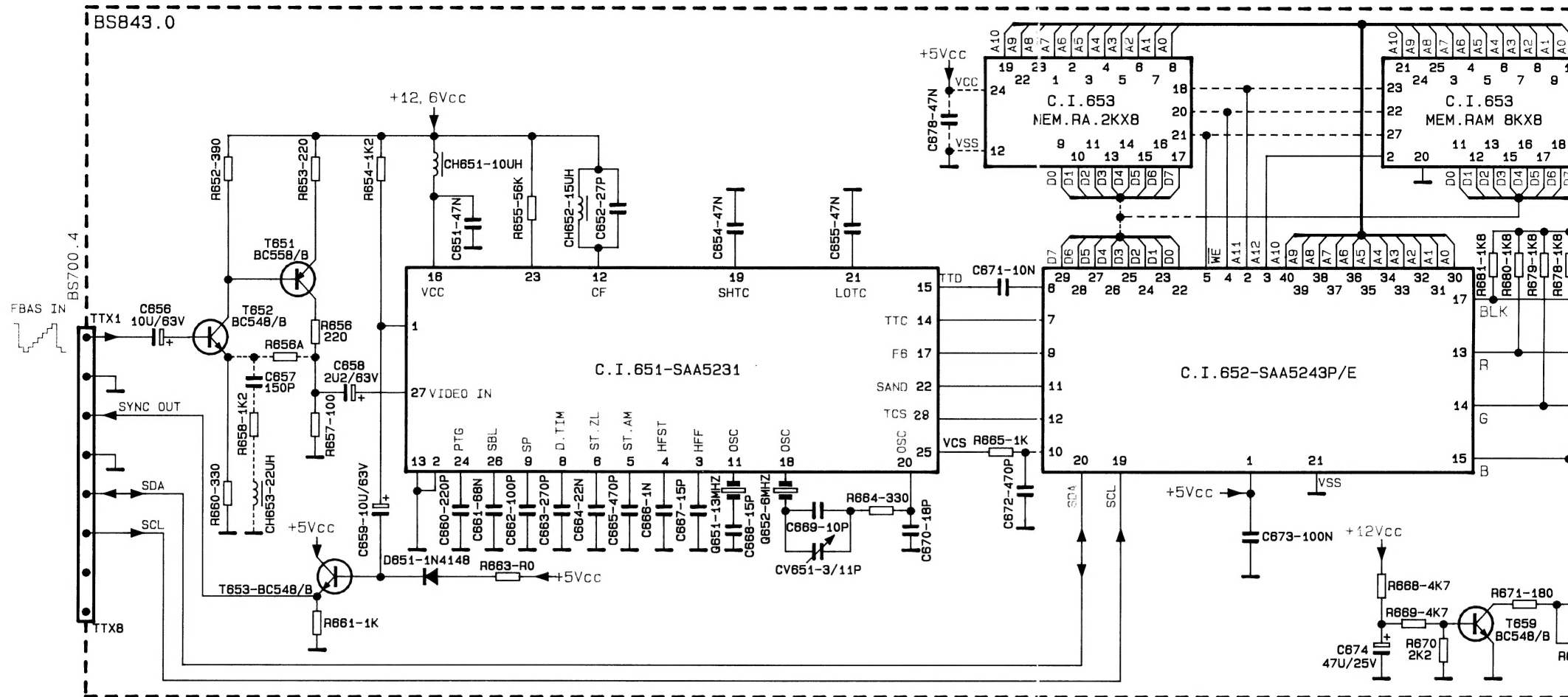




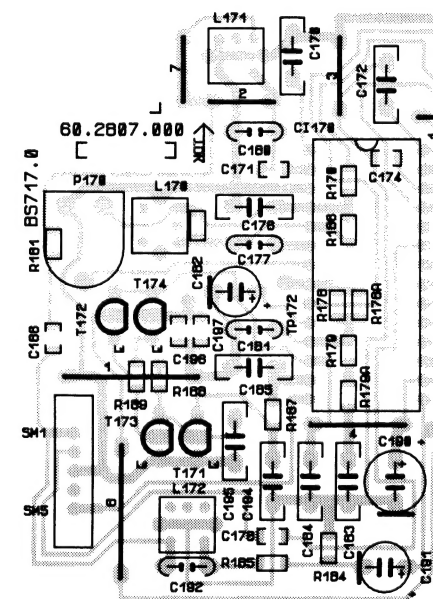
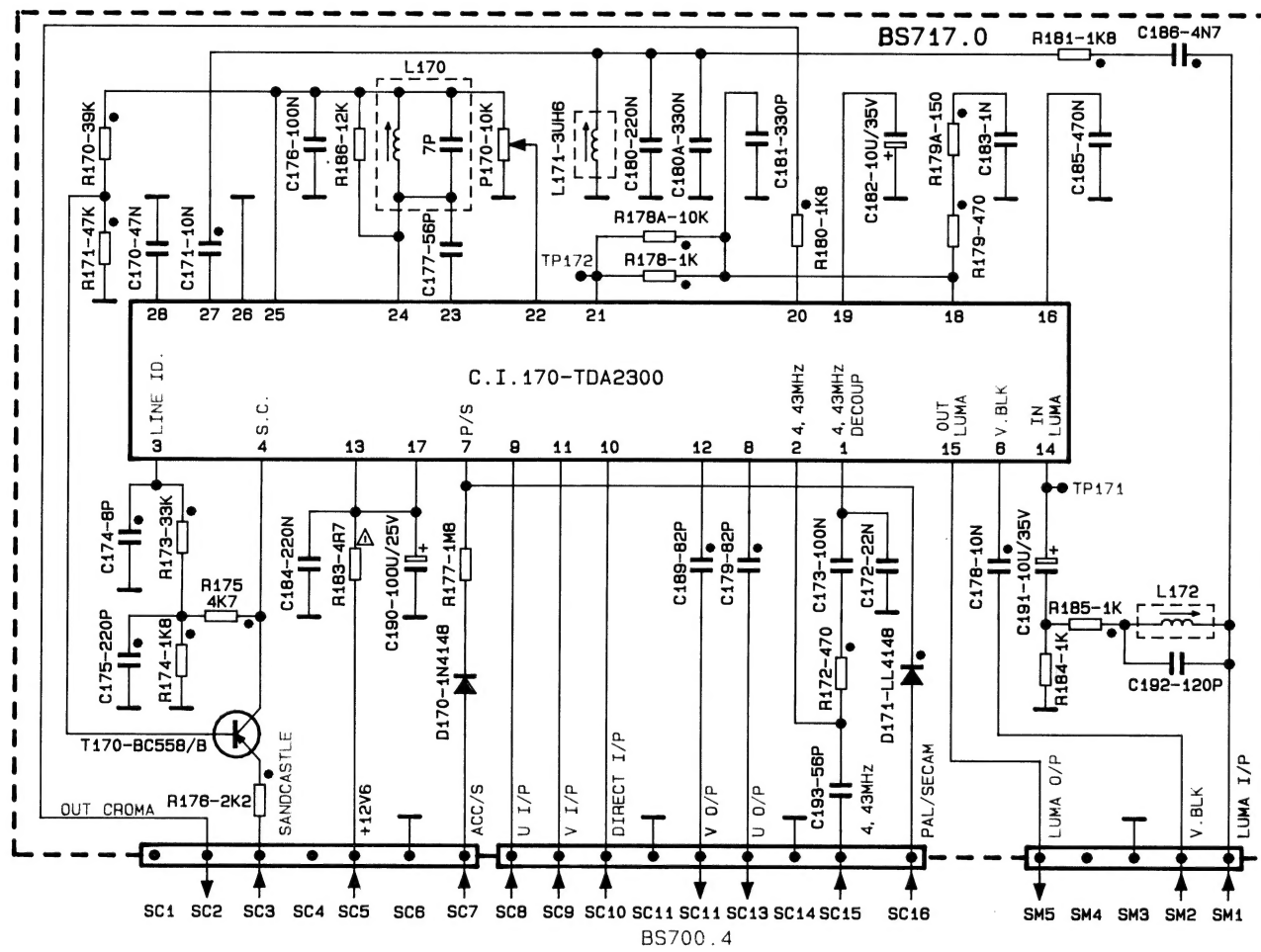
**BS 700.4**  
CHASSIS  
CHASSIS  
CHÂSSIS  
TELAIO

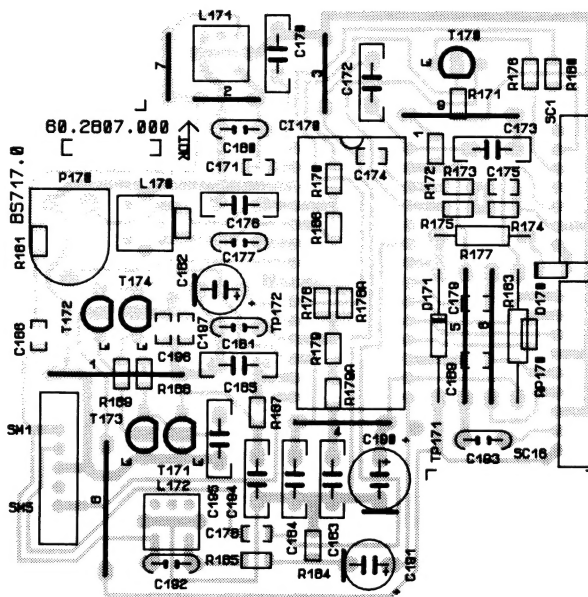
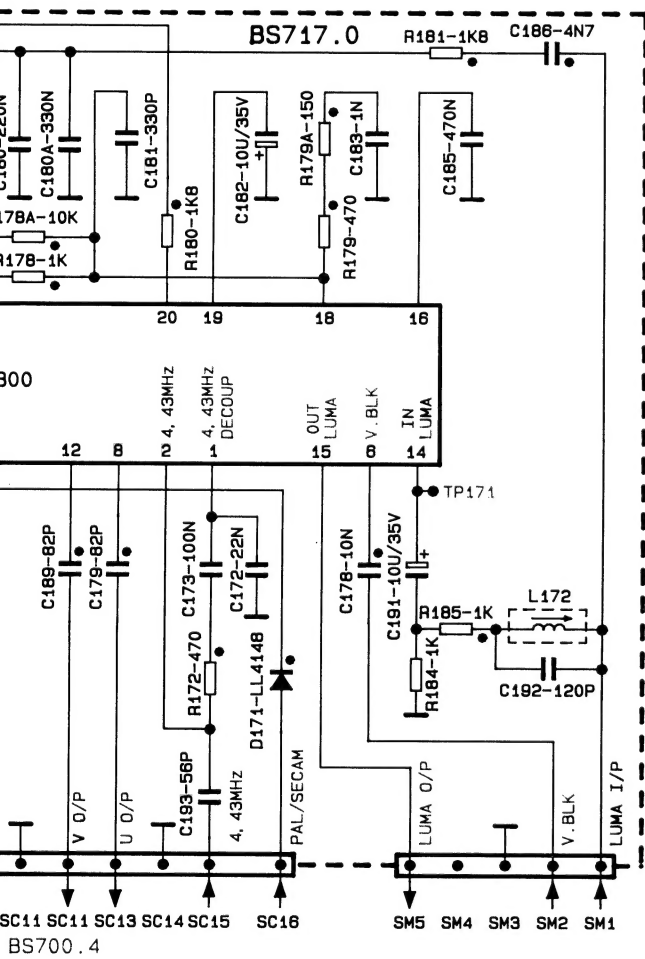
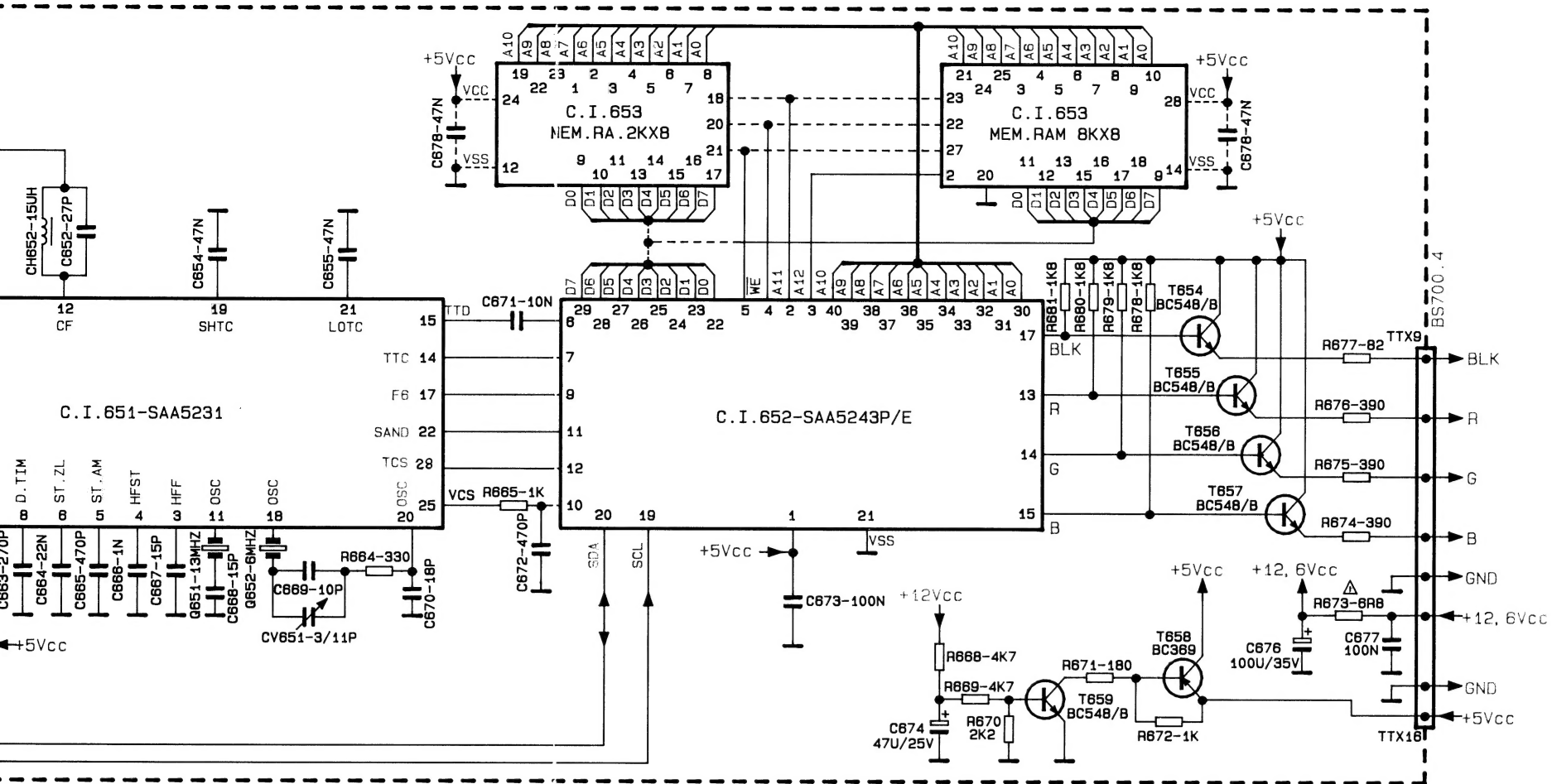


# TELETEXT «CCT» BS 843



# TRASCODER SECAM-PAL BS 717.0



**BS 717.0**

